因联结而喜悦!!
Delight Through Connections

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本公司對產品保有修改、設變權，目錄僅供參考，實際產品仍需依照工程圖面為準。

JAN./2026.V04

Terminal Block

Delight Through Connections

町洋企業股份有限公司
DINKLE ENTERPRISE CO., LTD.

DC-37.1e

DINKLE, Delight Through Connections !!

Established on July 22, 1983, Dinkle, after decades of market refinement, has been improving over time, providing globalization services by the core capability of terminal block manufacturing, and becoming the best partner in the industrial fields.

Headquartered in Taiwan, there are five manufacturing sites around the world, it's easy to find Dinkle service locations in every country. We cultivate professionals from various countries to provide excellent services for electrical connections, electrical cabinets and communication electronic products.

The R&D center has more than 400 engineers to innovate product design, carry out digital transformation from information digitization to technology digitization, and develop products suitable for industrial fields. The automated manufacturing of production lines at each site ensures excellent product performance and quality.

All production bases are certified by ISO9001 and ISO 14001, and the products have passed UL, cUL, VDE, TUV, ENEC, LR and other safety certifications.

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PID (Push-In Design) PCB Connectors

PID (Push-In Design) PCB Connectors

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PID (Push-In Design) PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.50	300	16	0234-30XX-MW	40	Snap-in locking
7.62	300	10	3ESDS-XXP	46	
7.62	300	10	3ESDSM-XXP	46	Screw flange
7.62	300	10	3ESDSR-XXP	46	
7.62	300	10	3ESDSRM-XXP	46	Screw flange
7.62	300	16	0258-61XX	9	
7.62	300	18	3ESDSRH-XXP	46	
7.62	300	18	3ESDSRHM-XXP	46	Screw flange
10.16	600	51	0187-A4XX	94	

Sockets (Headers)

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	4	ECH250V-XXP	68	
2.50	150	4	ECH250V-XXPL	68	THR
2.50	150	4	ECH250R-XXP	68	
2.50	150	4	ECH250R-XXPL	68	THR
2.50	150	4	ECHB250V-XXP	68	
2.50	150	4	ECHB250R-XXP	68	
2.54	150	5	0156-10XX	16	
2.54	150	5	0156-10XXL	16	THR
2.54	150	5	0156-12XX	17	Threaded flange
2.54	150	5	0156-12XXL	17	THR
2.54	150	5	0156-13XX	17	Threaded flange
2.54	150	5	0156-13XXL	17	THR
2.54	150	5	0156-15XX	16	
2.54	150	5	0156-15XXL	16	THR
2.54	150	5	0156-16XX	17	Snap-in locking
2.54	150	5	0156-16XXL	17	THR
2.54	150	5	0156-17XX	17	Threaded flange
2.54	150	5	0156-17XXL	17	THR
2.54	150	5	0156-18XX	17	Threaded flange
2.54	150	5	0156-18XXL	17	THR
2.54	150	5	0156-19XX	17	Snap-in locking
2.54	150	5	0156-19XXL	17	THR
2.54	150	6	0157-10XXL	18	THR
2.54	150	6	0157-15XXL	18	THR
3.50	150	8	0159-11XX	21	Threaded flange
3.50	150	8	0159-11XXL	21	THR
3.50	150	8	0159-11XXLWR	84	THR, T&R package
3.50	150	8	0159-11XXWR	84	T&R package
3.50	150	8	0159-12XX	21	Threaded flange
3.50	150	8	0159-12XXL	21	THR
3.50	150	8	0159-12XXLWR	84	THR, T&R package
3.50	150	8	0159-12XXWR	84	T&R package
3.50	150	8	0159-13XX	22	Threaded flange
3.50	150	8	0159-13XXL	22	THR
3.50	150	8	0159-31XX	21	
3.50	150	8	0159-31XXL	21	THR
3.50	150	8	0159-31XXLWR	84	THR, T&R package
3.50	150	8	0159-31XXWR	84	T&R package
3.50	150	8	0159-32XX	21	
3.50	150	8	0159-32XXL	21	THR
3.50	150	8	0159-32XXLWR	84	THR, T&R package
3.50	150	8	0159-32XXWR	84	T&R package
3.50	150	8	0159-33XX	22	
3.50	150	8	0159-33XXL	22	THR
3.50	300	8	0221-22XX-BK	31	Dual row
3.50	300	8	0221-22XXL	31	THR, dual row
3.50	300	8	0221-23XXL	31	THR, dual row
3.50	300	8	0221-25XX-BK	31	Triple row
3.50	300	8	0221-25XXL	31	THR
3.50	300	8	0221-26XXL	32	Snap-in locking/THR
3.50	300	8	0221-27XX-BK	32	Snap-in locking, dual row
3.50	300	8	0221-27XXL	32	THR
3.50	300	8	0221-35XXL	32	Threaded flange/THR
3.50	300	8	0221-36XXL	32	Threaded flange/THR
3.50	300	8	0221-41XX-BK	31	Triple row
3.50	300	8	0221-41XXL	31	THR
3.50	300	8	0225-13XX	23	Threaded flange
3.50	300	8	0225-13XXL	23	THR
3.50	300	8	0225-14XX	23	Threaded flange
3.50	300	8	0225-14XXL	23	THR
3.50	300	8	0225-16XX	24	Threaded flange
3.50	300	8	0225-16XXL	24	THR
3.50	300	8	0225-17XX	24	Threaded flange
3.50	300	8	0225-17XXL	24	THR
3.50	300	8	0225-23XX	23	Engaging lever locking
3.50	300	8	0225-23XXL	23	THR
3.50	300	8	0225-24XX	23	Engaging lever locking
3.50	300	8	0225-24XXL	23	THR
3.50	300	8	0225-26XX	24	Engaging lever locking
3.50	300	8	0225-26XXL	24	THR
3.50	300	8	0225-27XX	24	Engaging lever locking
3.50	300	8	0225-27XXL	24	THR
3.50	300	8	0225-33XX	24	Light hole
3.50	300	8	0225-33XXL	24	THR

Sockets (Headers)

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	0225-34XX	24	Light hole
3.50	300	8	0225-34XXL	24	THR
3.50	300	8	0225-36XX	24	
3.50	300	8	0225-36XXL	24	THR
3.50	300	8	0225-37XX	24	
3.50	300	8	0225-37XXL	24	THR
2.50	150	6	0288-6AXXSMDWR	15	
2.50	150	6	0288-6AXXLWR	15	
2.50	150	6	0288-6BXXSMDWR	15	
2.50	150	6	0288-6BXXLWR	16	
2.50	150	6	0288-8AXXSMDWR	16	Snap-in locking
2.50	150	6	0288-8BXXSMDWR	16	Snap-in locking
2.50	150	6	0288-9AXXSMDWR	15	
3.50	300	8	ECH350H-XXP	70	
3.50	300	8	ECH350R-XXP	69	
3.50	300	8	ECH350R-XXPL	69	THR
3.50	300	8	ECH350R-XXPLWR	85	T&R package/THR
3.50	300	8	ECH350R-XXPWR	85	T&R package
3.50	300	8	ECH350RD-XXP	69	Rotary hook locking
3.50	300	8	ECH350RG-XXP	70	Light pipe
3.50	300	8	ECH350RJ-XXP	32	Engaging lever locking
3.50	300	8	ECH350RJ-XXPL	32	THR
3.50	300	8	ECH350RM-XXP	32	Threaded flange
3.50	300	8	ECH350RM-XXPL	32	THR
3.50	300	8	ECH350RM-XXPLWR	85	T&R package/THR
3.50	300	8	ECH350RM-XXPWR	85	T&R package
3.50	300	8	ECH350RR-XXP	69	
3.50	300	8	ECH350RR-XXPL	69	THR
3.50	300	8	ECH350RR-XXPLWR	85	T&R package/THR
3.50	300	8	ECH350RR-XXPWR	85	T&R package
3.50	300	8	ECH350RRM-XXP	69	Threaded flange
3.50	300	8	ECH350RRM-XXPL	69	THR
3.50	300	8	ECH350RRM-XXPLWR	85	T&R package/THR
3.50	300	8	ECH350RRM-XXPWR	85	T&R package
3.50	300	8	ECH350RT-XXPL	70	THR
3.50	300	8	ECH350RT-XXPLWR	85	THR, T&R package
3.50	300	8	ECH350V-XXP	69	
3.50	300	8	ECH350V-XXPL	69	THR
3.50	300	8	ECH350V-XXPLWR	85	THR, T&R package
3.50	300	8	ECH350V-XXPWR	85	T&R package
3.50	300	8	ECH350VD-XXP	69	Rotary hook locking
3.50	300	8	ECH350VJ-XXP	32	
3.50	300	8	ECH350VJ-XXPL	32	THR
3.50	300	8	ECH350VM-XXP	32	Threaded flange
3.50	300	8	ECH350VM-XXPL	32	THR
3.50	300	8	ECH350VM-XXPLWR	85	THR, T&R package
3.50	300	8	ECH350VM-XXPWR	85	T&R package
3.50	300	8	ECH350VT-XXPL	70	THR
3.50	300	8	ECH350VT-XXPLWR	85	THR, T&R package
3.50	300	8	ECHB350R-XXP	70	
3.50	300	8	ECHB350RM-XXP	70	Threaded flange
3.50	300	8	ECHB350V-XXP	70	
3.50	300	8	ECHB350VM-XXP	70	Threaded flange
3.50	300	8	EECH350R-XXP	70	
3.50	300	8	EECH350RM-XXP	70	Threaded flange
3.50	300	8	EECH350V-XXP	70	
3.50	300	8	EECH350VM-XXP	70	Threaded flange
3.50	150	10	0156-20XX-BK	19	
3.50	150	10	0156-20XX-BK-WR	84	T&R package
3.50	150	10	0156-20XXL	19	THR
3.50	150	10	0156-20XXLWR	84	THR, T&R package
3.50	150	10	0156-21XX-BK	19	Threaded flange
3.50	150	10	0156-21XX-BK-WR	84	T&R package
3.50	150	10	0156-21XXL	19	THR
3.50	150	10	0156-21XXLWR	84	THR, T&R package
3.50	150	10	0156-22XX-BK	20	Threaded flange
3.50	150	10	0156-22XXL	20	THR
3.50	150	10	0156-24XX-BK	19	Press buckle locking
3.50	150	10	0156-24XX-BK-WR	84	T&R package
3.50	150	10	0156-24XXL	19	THR
3.50	150	10	0156-24XXLWR	84	THR, T&R package
3.50	150	10	0156-25XX-BK	19	
3.50	150	10	0156-25XX-BK-WR	84	T&R package
3.50	150	10	0156-25XXL	19	THR
3.50	150	10	0156-25XXLWR	84	THR, T&R package
3.50	150	10	0156-26XX-BK	19	Threaded flange
3.50	150	10	0156-26XX-BK-WR	84	T&R package
3.50	150	10	0156-26XXL	19	THR
3.50	150	10	0156-26XXLWR	84	THR, T&R package
3.50	150	10	0156-27XX-BK	20	Threaded flange
3.50	150	10	0156-27XXL	20	THR
3.50	150	10	0156-29XX-BK	19	Press buckle locking
3.50	150	10	0156-29XX-BK-WR	84	T&R package
3.50	150	10	0156-29XXL	19	THR
3.50	150	10	0156-29XXLWR	84	THR, T&R package
3.81	300	8	0221-33XX-BK	33	Dual row
3.81	300	8	0221-33XXL	33	THR
3.81	300	8	0221-39XX-BK	33	Dual row
3.81	300	8	0221-39XXL	33	THR
3.81	300	8	0221-51XX-BK	33	Threaded flange

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Sockets (Headers)

Sockets (Headers)

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Sockets (Headers)

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	20	2EHDR-XXPLWR	87	T&R package/THR
5.08	300	20	2EHDR-XXPWR	87	T&R package
5.08	300	20	2EHDRG-XXP	75	Rotary hook locking
5.08	300	20	2EHDV-XXP	76	
5.08	300	20	2EHDV-XXPL	76	THR
5.08	300	20	2EHDV-XXPLWR	87	T&R package/THR
5.08	300	20	2EHDV-XXPWR	87	
5.08	300	20	2EHDVG-XXP	75	Rotary hook locking
6.35	600	20	0150-36XX	38	
7.50	300	15	7EHDR-XXP	78	
7.50	300	15	7EHDRC-XXP	78	
7.50	300	15	7EHDRM-XXP	78	Threaded flange
7.50	300	15	7EHDV-XXP	78	
7.50	300	15	7EHDVC-XXP	78	
7.50	300	15	7EHDVM-XXP	78	Threaded flange
7.50	300	15.5	0234-26XX	40	
7.50	300	16	0234-36XX	40	
7.50	300	18	0150-46XX	38	With support pins
7.62	300	15	3EHDR-XXP	78	
7.62	300	15	3EHDR-XXPWR	87	T&R package
7.62	300	15	3EHDRC-XXP	78	
7.62	300	15	3EHDRC-XXPWR	87	T&R package
7.62	300	15	3EHDRM-XXP	78	Threaded flange
7.62	300	15	3EHDRM-XXPWR	87	T&R package
7.62	300	15	3EHDV-XXP	78	
7.62	300	15	3EHDV-XXPWR	87	T&R package
7.62	300	15	3EHDVC-XXP	78	
7.62	300	15	3EHDVC-XXPWR	87	T&R package

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.62	300	15	3EHDVM-XXP	78	Threaded flange
7.62	300	15	3EHDVM-XXPWR	87	T&R package
7.62	300	25	0183-11XX	64	
7.62	300	25	0183-11XXTXX	64	
7.62	300	30	ECH762R-XXP	79	
7.62	300	30	ECH762RM-XXP	79	Threaded flange
7.62	300	30	ECH762RRM-XXP	79	Threaded flange
7.62	300	30	ECH762RR-XXP	79	
7.62	300	30	ECH762RTM-XXP	79	Threaded flange
7.62	300	30	ECH762V-XXP	79	
7.62	300	30	ECH762VM-XXP	79	Threaded flange
7.62	300	30	ECH762VTM-XXP	79	Threaded flange
7.62	600	41	ECH762HR-XXP	79	
7.62	600	41	ECH762HRM-XXP	79	Threaded flange
7.62	600	41	ECH762HRR-XXP	79	
7.62	300	41	ECH762RE-XXP	80	
7.62	300	41	ECH762RRE-XXP	80	
8.80	600	65	ECH880HR-XXP	64	
8.80	600	65	ECH880RT-XXP	64	Snap-in locking
10.16	600	51	ECH116HRS-XXP	65	
10.16	600	51	ECH116HRSM-XXP	65	Threaded flange
10.16	600	51	ECH116HVS-XXP	65	
10.16	600	51	ECH116HVSM-XXP	65	Threaded flange
10.16	300	51	ECH116L-XXP	65	
10.16	300	51	ECH116R-XXP	65	
10.16	300	51	ECH116RM-XXP	65	Threaded flange
10.16	300	51	ECH116V-XXP	65	
15.00	600	115	ECH150RM-XXP	66	Threaded flange

PID & Screw Connection Plugs & Pin Strips

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	150	2	0191-01XX	89	
3.50	150	2	0191-01XXC	89	With cover
3.50	150	2	0191-11XXTH	89	Pin strip, THR
3.50	300	8	0191-06XX	88	
3.50	300	8	0191-06XXC	88	With cover
3.50	300	8	0191-16XXTH	88	Pin strip, THR
4.00	300	10	0162-01XX	90	
4.00	300	10	0162-06XX	90	
4.00	300	10	0162-11XX	90	Pin socket
4.00	300	10	0162-A1XX	90	
4.00	300	10	0162-A6XX	90	
5.00	300	2	0191-02XX	89	
5.00	300	2	0191-02XXC	89	With cover
5.00	300	5	0191-04XX	89	
5.00	300	5	0191-04XXC	89	With cover
5.00	300	7	0191-05XX	89	
5.08	300	10	0164-A1XX(T)	90	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	2	0191-12XXTH	89	Pin strip, THR
5.00	300	7	ED130F-XXP	88	
5.00	300	7	EDH130F-XX/12.6	88	
5.00	300	7	EDH130F-XXTH126	88	Pin strip
5.00	300	7	EDH130S-20XXTHT	89	
5.00	300	12	ED130T-XXP	88	
5.00	300	12	EDH130-21XX	88	
5.00	300	12	EDH130-21XXTHT	88	Pin strip
5.08	300	10	0164-01XX	90	
5.08	300	10	0164-01XX(T)	90	
5.08	300	10	0164-02XX	90	
5.08	300	10	0164-11XX	90	Pin socket
5.08	300	10	0164-11XXL	90	Pin socket, THR
5.08	300	10	0164-12XX	90	Pin socket
5.08	300	10	0164-12XXL	90	Pin socket, THR
5.08	300	10	0164-A1XX	90	
5.08	300	10	0164-A2XX	90	

PID & Screw Connection Inverted headers

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	EC350CR-XXP	121	
3.50	300	8	EC350CV-XXP	121	
3.81	300	8	EC381CR-XXP	122	
3.81	300	8	EC381CV-XXP	122	
3.81	300	8	ECSH381K-XXP	122	
3.81	300	8	ECSH381MK-XXP	122	Screw flange
3.81	300	8	ECSH381V-XXP	122	Inverted contact
3.81	300	8	ECSH381VM-XXP	122	Screw flange
5.00	300	15	0161-11XX	93	Screw flange
5.00	300	15	0161-12XX	93	Engaging lever locking
5.00	300	15	0161-13XX	93	Inverted contact
5.00	300	15	0161-14XX	93	Rotary hook locking
5.08	300	15 / 12	2ESDCR-XXP	121	
5.08	300	15 / 12	2ESDCRM-XXP	121	Threaded flange
5.08	300	15 / 12	2ESDCV-XXP	121	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	15 / 12	2ESDCVM-XXP	121	Threaded flange
5.08	300	15	2ESH-XXP	122	Inverted contact
5.08	300	15	2ESHM-XXP	122	Screw flange
7.62	300	41	EC762CR-XXP	123	
7.62	600	41	ECSH762FS-XXP	123	Mounting flange
7.62	600	41	ECSH762SS-XXP	123	Mounting flange
7.62	600	41	ECSH762V-XXP	123	
10.16	300	51	EC116CV-XXP	124	Inverted contact
10.16	300	51	EC116CVM-XXP	124	Screw flange
10.16	600	51	ECSH116K-XXP	98	Screw flange
10.16	600	51	ECSH116M-XXP	98	Screw flange
10.16	600	51	ECSH116MK-XXP	98	Screw flange
10.16	600	51	ECSH116V-XXP	98	Threaded flange
10.16	600	51	ECSH116VM-XXP	124	Screw flange

Card-Edge Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	150	6	0184-11XX	125	Light pipe
3.50	150	6	0184-13XX	125	Light pipe
3.50	150	6	0184-15XX	125	Engaging lever locking
3.50	150	6	0184-16XX	125	Engaging lever locking
3.50	150	8	0184-01XX	126	
3.50	150	12	CPC350-XXP	126	PCB connection

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	6	0184-31XX	126	Light pipe
5.00	300	6	0184-33XX	126	Light pipe
5.00	300	6	0184-35XX	126	Engaging lever locking
5.00	300	6	0184-36XX	126	Engaging lever locking
5.00	300	16	5ESDG-XXP	126	PCB connection

Screw Connection PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	EC350F-XXP	50	
3.50	300	8	EC350FM-XXP	50	Screw flange
3.50	300	8	EC350RL-XXP	49	With strain relief
3.50	300	8	EC350RLM-XXP	49	Screw flange
3.50	300	8	EC350R-XXP	49	
3.50	300	8	EC350RM-XXP	49	Screw flange
3.50	300	8	EC350V-XXP	49	
3.50	300	8	EC350VM-XXP	49	Screw flange
3.81	300	8	EC381F-XXP	50	
3.81	300	8	EC381FM-XXP	50	Screw flange
3.81	300	8	EC381L-XXP	51	With strain relief
3.81	300	8	EC381LM-XXP	51	Screw flange
3.81	300	8	EC381R-XXP	49	
3.81	300	8	EC381RL-XXP	49	
3.81	300	8	EC381RLM-XXP	49	Screw flange
3.81	300	8	EC381RM-XXP	49	Screw flange
3.81	300	8	EC381V-XXP	49	
3.81	300	8	EC381VK-XXP	51	Rotary hook locking

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	300	8	EC381VM-XXP	49	Screw flange
5.00	300	15	5ESDA-XXP	53	
5.00	300	15	5ESDAM-XXP	53	Screw flange
5.00	300	15	5ESDF-XXP	52	
5.00	300	15	5ESDFM-XXP	52	Screw flange
5.00	300	15	5ESDPL-XXP	54	
5.00	300	15	5ESDPLM-XXP	54	Screw flange
5.00	300	15	5ESDP-XXP	53	
5.00	300	15	5ESDPM-XXP	53	Screw flange
5.00	300	15	5ESDT-XXP	51	
5.00	300	15	5ESDTS-XXP	51	With test hole
5.00	300	15	5ESDV-XXP	53	
5.00	300	15	5ESDVM-XXP	53	Screw flange
5.08	300	12	EC508F-XXP	52	
5.08	300	12	EC508FM-XXP	52	Screw flange
5.08	300	12	EC508V-XXP	52	
5.08	300	12	EC508VM-XXP	52	Screw flange
5.08	300	15	2ESDA-XXP	55	

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Screw Connection PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	15	2ESDAM-XXP	55	Screw flange
5.08	300	15	2ESDF-XXP	53	
5.08	300	15	2ESDFM-XXP	53	Screw flange
5.08	300	15	2ESDL-XXP	56	
5.08	300	15	2ESDP-XXP	55	
5.08	300	15	2ESDPM-XXP	55	Screw flange
5.08	300	15	2ESDPL-XXP	56	
5.08	300	15	2ESDPLM-XXP	56	Screw flange
5.08	300	15	2ESDV-XXP	55	
5.08	300	15	2ESDVB-XXP	92	
5.08	300	15	2ESDVBM-XXP	92	Screw flange
5.08	300	15	2ESDVM-XXP	55	Screw flange
5.08	300	15	2ESDVNM-XXP	56	
5.08	300	15	2ESDVS-03P	55	
5.08	300	20	2ESDVH-XXP	54	High current
7.50	300	15	7ESDP-XXP	57	
7.50	300	15	7ESDPL-XXP	57	
7.50	300	15	7ESDPLM-XXP	57	Screw flange
7.50	300	15	7ESDPM-XXP	57	Screw flange
7.50	300	15	7ESDV-XXP	57	
7.50	300	15	7ESDVM-XXP	57	Screw flange
7.62	300	15	3ESDP-XXP	57	
7.62	300	15	3ESDPL-XXP	57	
7.62	300	15	3ESDPLM-XXP	57	Screw flange
7.62	300	15	3ESDPM-XXP	57	Screw flange
7.62	300	15	3ESDV-XXP	57	
7.62	300	15	3ESDVM-XXP	57	Screw flange
7.62	300	30	EC762V-XXP	63	
7.62	600	15	3ESNP-XXP	61	
7.62	600	15	3ESNPL-XXP	61	
7.62	600	15	3ESNPLM-XXP	61	Screw flange

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.62	600	15	3ESNPLS-XXP	61	
7.62	600	15	3ESNPLSM-XXP	61	Screw flange
7.62	600	15	3ESNPM-XXP	61	Screw flange
7.62	600	15	3ESNPS-XXP	61	
7.62	600	15	3ESNPSM-XXP	61	Screw flange
7.62	600	18	3ESNPH-XXP	62	
7.62	600	18	3ESNPHM-XXP	62	Screw flange
7.62	600	18	3ESNPHL-XXP	62	
7.62	600	18	3ESNPHLM-XXP	62	Screw flange
7.62	600	20	3ESDVH-XXP	58	High current
7.62	600	20	3ESDVHM-XXP	58	High current
7.62	600	25	0183-01XX	64	
7.62	600	25	0183-01XXTXX	64	
7.62	600	25	3ESNVH-XXP	62	High current
7.62	600	25	3ESNVHM-XXP	62	High current
7.62	600	40	EC762HV-XXP	63	High voltage
7.62	600	40	EC762HVM-XXP	63	High current
7.62	600	40	EC762HVN-XXP	63	High voltage
7.62	600	40	EC762HVNM-XXP	63	High current
7.62	600	41	EC762H-XXP	80	High current
7.62	600	41	EC762HLNM-XXP	63	Screw flange
8.80	600	65	EC880HV-XXP	64	
8.80	600	65	EC880HVT-XXP	64	Snap-in locking
10.16	600	51	EC116V-XXP	65	
10.16	600	51	EC116VM-XXP	65	Screw flange
15.00	600	115	EC150VM-XXP	66	Screw flange

Feed Through Headers

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	300	8	ECHP381V-XXP	81	Solder/Slip-on connection
5.00	300	15	5EHDK-XXP/1.0	81	Snap-in locking
5.00	300	15	5EHDK-XXP/1.2	82	Snap-in locking
5.00	300	15	5EHDK-XXP/1.4	82	Snap-in locking
5.00	300	15	5EHDK-XXP/1.6	82	Snap-in locking
5.00	300	15	5EHDKM-XXP/1.0	81	Threaded flange
5.00	300	15	5EHDKM-XXP/1.2	82	Threaded flange
5.00	300	15	5EHDKM-XXP/1.4	82	Threaded flange

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	15	5EHDKM-XXP/1.6	82	Threaded flange
5.00	300	15	5EHDKPM-XXP	82	Threaded flange
5.08	300	15	2EHDP-XXP	81	Solder/Slip-on connection
5.08	300	15	2EHDPN-XXP	82	Solder/Slip-on connection
7.62	300	30	ECHP762V-XXP	82	Solder/Slip-on connection

PID (Push-In Design) PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	2	0136-11XX	101	
2.50	150	5	0188-01XXL	100	THR
2.50	150	5	0188-01XXSMDWR	100	THR
2.50	150	5	0188-02XXL	100	THR
2.50	150	5	0188-02XXSMDWR	100	THR
2.50	300	2	0136-10XX	101	
2.54	150	5	0138-10XX	101	
2.54	150	5	0138-11XX	101	
2.54	150	5	141R-XXP	101	
2.54	150	5	141V-XXP	101	
3.50	300	5	0137-40XX	102	
3.50	300	5	0137-41XX	102	
3.50	300	5	0137-41XXM	103	
3.50	300	6	0136-20XX	102	
3.50	300	6	0136-21XX	102	
3.50	300	6	0136-22XX	102	
3.50	300	6	0136-23XX	102	
3.50	300	9	0151-01XX	103	
3.50	300	9	0151-01XXL	103	THR
3.50	300	9	0151-02XX	103	
3.50	300	9	0151-02XXL	103	THR
3.50	300	10	0177-31XX	107	
3.50	300	10	0177-33XX	107	
3.50	300	10	0185-12XX	103	
3.50	300	10	0185-13XX	103	
3.50	300	10	0275-11XX	11	
3.50	300	10	0275-11XXY5	11	
3.50	300	10	0290-11XX	11	
3.50	300	12	0138-50XX	102	
3.50	300	12	0138-50XXL	102	THR
3.50	300	12	0138-50XXSMDWR	101	
3.50	300	12	0138-51XX	102	
3.50	300	12	0138-51XXL	102	THR
3.81	300	10	0141-01XX	104	
3.81	300	10	0141-22XX	104	
3.81	300	12	0138-42XXL20	103	
5.00	300	10	0137-11XX	104	
5.00	300	10	0138-70XX	105	
5.00	300	10	0138-76XX	105	
5.00	300	10	0152-01XX	104	
5.00	300	10	0152-02XX	104	
5.00	300	10	0152-03XX	104	
5.00	300	10	0185-31XX	105	
5.00	300	10	0185-32XX	105	
5.00	300	10	0188-12XXSMDWR	104	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	20	0153-01XX	105	
5.00	300	20	0153-02XX	105	
5.00	300	20	0153-91XX	105	
5.00	300	20	0177-51XX	108	
5.00	300	20	0177-53XX	108	
5.00	300	20	0275-21XX	11	
5.00	300	20	0276-21XX	11	
5.00	300	20	0290-21XX	11	
5.08	300	10	0141-21XX	106	
5.08	300	10	0141-24XX	106	
5.08	300	10	142R-XXP	105	
5.08	300	10	142V-XXP	105	
5.08	300	12	0138-60XX	106	THR
5.08	300	12	0138-60XXL	106	
5.08	300	12	0138-61XX	106	
5.08	300	12	0138-61XXL	106	THR
6.35	600	25	0177-76XX	108	
6.35	600	25	0177-78XX	108	
7.50	300	10	0152-53XX	106	
7.50	300	32	0275-31XX	12	
7.50	300	32	0290-31XX	12	
7.50	600	32	0275-32XX	12	
7.50	600	32	0290-32XX	12	
7.50	300	36	0177-81XX	107	
7.50	300	36	0177-83XX	107	
7.50	600	36	0177-86XX	107	
7.50	600	36	0177-88XX	107	
10.00	300	66	0290-41XXYB	13	
10.00	300	66	0290-42XXYD	13	
10.00	300	66	0177-03XX	108	
10.00	600	20	0153-41XX	106	
10.00	600	66	0177-06XX	108	
10.00	600	66	0177-08XX	108	
15.00	600	101	0177-B3XX	108	
15.00	600	101	0290-51XX	13	
15.00	600	101	0290-51XXM	13	
15.00	1000	72	0290-42XXP3YD	13	

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Spring Clamp Connection PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	300	4	WKA250A-XXP	119	
2.50	300	4	WKV250A-XXP	120	
2.54	300	4	WKA254A-XXP	120	
2.54	300	4	WKV254A-XXP	120	
5.00	300	10	W3K500-XXP	120	
5.00	300	10	W4K500-XXP	120	
5.00	300	10	WKA50B-XXP	119	
5.00	300	10	WKK500-XXP	120	
5.00	300	15	WKA500-XXP	119	
5.00	300	15	WKA500-XXPL	119	THR
5.00	300	15	WSKA500S-XXP	119	
5.08	300	10	W3K508-XXP	120	
5.08	300	10	W4K508-XXP	120	
5.08	300	10	WKK508-XXP	120	
5.08	300	15	WKA508-XXP	119	
7.50	300	30	WSKA750S-XXP	120	
10.00	300	57	WSKA100-XXP	120	

Screw Connection PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.54	150	10	EK254V-XXP	109	
3.50	300	10	EK350A-XXP	110	
3.50	300	10	EK350V-XXP	109	
3.50	300	10	EK350V4L-XXP	110	Double decked
3.81	300	12	E3K381V-XXP	110	High profile
3.81	300	12	EEK381V-XXP	110	
3.81	300	12	EHK381V-XXP	110	
3.81	300	12	EK381A-XXP	110	
3.81	300	12	EK381V-XXP	109	
3.81	300	12	EK381V3L-XXP	109	Triple decked
3.81	300	12	EK381V4L-XXP	109	Double decked
3.81	300	15	EESK381V-XXP	110	High profile
3.81	300	15	ESK381R-XXP	110	
3.81	300	15	ESK381V-XXP	109	
3.81	300	15	ESK381V4L-XXP	110	
5.00	300	13.5	ELK500B-XXP	110	Low profile
5.00	300	13.5	ELK500S-XXP	110	Low profile
5.00	300	13.5	ELK500V-XXP	110	Low profile
5.00	300	20	E2HK500V-XXPAM	112	High profile
5.00	300	20	E3K500V-XXP	111	High profile
5.00	300	20	EEK500V-XXP	111	
5.00	300	20	EHK5V3L-XXP	111	
5.00	300	20	EK500A-XXP	111	
5.00	300	20	EK500R-XXP	111	
5.00	300	20	EK500V-XXP	111	
5.00	300	20	EK500V2L-XXP	112	Double decked
5.00	300	20	EK500V3L-XXP	112	Triple decked
5.00	300	20	EK500V4L-XXP	112	
5.00	300	20 / 26	DT-123RA-XXP	117	
5.00	300	20 / 26	DT-123VA-XXP	117	
5.00	300	25	EHK500R-XXP	112	
5.00	300	25	EHK5V-XXP	112	
5.08	300	13.5	E2LK508V-XXP	112	
5.08	300	13.5	EELK508V-XXP	111	Double decked
5.08	300	13.5	ELK508S-XXP	112	
5.08	300	13.5	ELK508V-XXP	111	
5.08	300	13.5	ELK508V3L-XXP	111	
5.08	300	20	E3K508V-XXP	114	High profile
5.08	300	20	EEK508V-XXP	114	High profile
5.08	300	20	EK508A-XXP	112	
5.08	300	20	EK508R-XXP	112	
5.08	300	20	EK508V-XXP	112	
5.08	300	20	EK508V2L-XXP	113	Double decked
5.08	300	20	EK508V3L-XXP	113	Triple decked
5.08	300	20	EK508V4L-XXP	113	Double decked
5.08	300	20	ESK508V3L-XXP	113	Triple decked
5.08	300	20	ESK508V4L-XXP	113	Double decked
5.08	300	23	ESK508V-XXP	114	
5.08	300	25	E2HK508V-XXPAM	114	High profile
5.08	300	25	EEHK2V-XXP	113	Double decked
5.08	300	25	EHK2V-XXP	113	
5.08	300	25	EHK508V2L-XXP	114	Double decked
5.08	300	25	EHK508V3L-XXP	114	Triple decked
6.35	300	30	DT-2300-XXP	117	
6.35	300	30	DT-2301-XXP	117	
6.35	300	30	EKB635V-XXP	114	Double decked
6.35	300	30	ESK635V-XXP	114	
6.35	600	35	EPK635VN-XXP	113	
7.50	300	20	EK750V-XXP	114	
7.50	300	25	EHK7V-XXP	113	
7.50	300	20 / 26	DT-123RA-XXP3	117	
7.50	300	20 / 26	DT-123VA-XXP3	117	
7.50	300	30	ESK750V-XXP	114	
7.50	600	20	DT-123HVR-XXP	118	

Screw Connection PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.62	300	25	EHK3V-XXP	115	
7.62	300	30	DT-2320-XXP	118	
7.62	300	30	DT-2321-XXP	118	
7.62	300	30	EKB762V-XXP	116	
7.62	300	30	ESK762V-XXP	116	
9.52	300	30	EK950V-XXP	115	
9.52	600	30	EK950HVN-XXP	115	
10.00	300	65	PDS-10-XX	118	
10.00	300		PDS-10A-XX	118	
10.00	300	65	PDS-10S-XX	118	
10.16	300	65	ESKW116V-XXP	116	
10.16	300 / 600	65 / 5	ESK116R-XXPAM	116	
10.16	300 / 600	65 / 5	ESK116V-XXP	116	
10.16	600	57(sol) / 65(str)	EPK116VS-XXP	115	
10.16	600	57(sol) / 65(str)	EPK116VN-XXP	115	
15.00	600	115	ESK150V-XXP	115	
15.00	600	115	ESK150VM-XXP	115	
17.50	600	160	ESK175V-XXP	116	
17.50	600	160	ESK175VM-XXP	116	
20.00	600	200	ESK200VM-XXP	116	

PCB Terminal Blocks for I/O Enclosures

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	150	8	BST-111-05	127	
3.81	150	8	BST-112-05	127	
3.81	150	8	BST-120-05	127	
3.81	150	8	BST-220-05	127	
5.00	300	10	5ES-2PL	129	
5.00	300	10	5ES-2PR	130	
5.00	300	10	5ES-3PL	129	
5.00	300	10	5ES-3PR	130	
5.00	300	10	5ES-4PL	129	
5.00	300	10	5ES-4PR	130	
5.00	300	15	5EH-2PL	129	
5.00	300	15	5EH-2PLL	129	THR
5.00	300	15	5EH-2PR	130	
5.00	300	15	5EH-2PRL	130	THR
5.00	300	15	5EH-3PL	129	
5.00	300	15	5EH-3PLL	129	THR
5.00	300	15	5EH-3PR	130	
5.00	300	15	5EH-3PRL	130	THR
5.00	300	15	5EH-4PL	129	
5.00	300	15	5EH-4PLL	129	THR
5.00	300	15	5EH-4PR	130	
5.00	300	15	5EH-4PRL	130	THR
5.00	300	20	0189-202PL	129	
5.00	300	20	0189-202PR	130	
5.00	300	20	0189-203PL	129	
5.00	300	20	0189-203PR	130	
5.00	300	20	0189-204PL	129	
5.00	300	20	0189-204PR	130	
5.00	300	20	0189-212PL	129	
5.00	300	20	0189-212PR	130	
5.00	300	20	0189-213PL	129	
5.00	300	20	0189-213PR	130	
5.00	300	20	0189-214PL	129	
5.00	300	20	0189-214PR	130	
5.08	300	8	0228-21XX	128	
5.08	300	8	0228-22XX	128	
5.08	300	8	0228-23XX	128	
7.50	300	20	7ES-3PL	131	
7.50	300	20	7ES-3PR	131	
9.00	300	8	0171-10XX	128	Light pipe
9.00	300	8	0171-11XX	128	Light pipe
9.00	300	8	0171-60XX	128	
12.50	300	15	0171-20XX	128	Light pipe
12.50	300	15	0171-21XX	128	Light pipe

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DEG/DMEN Electronic Housing & DMER Component Housing

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
	250	12	DEGM-12P	133	
	250	15	DMUG-22	134	
	250	15	DMUG-45	134	
	250	12	DMEN-S2P	134	
	250	12	DMEN-S3P	134	
	250	12	DMEN-S4P	134	
	250	12	DMEN-T2P	134	
	250	12	DMEN-T3P	134	
	250	12	DMEN-T4P	134	
	250	12	DMES-T2P	134	
	300	12	DEGM-03P	133	
	300	12	DEGM-06P	133	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
	300	20	DMER-41	135	
	500	10	DEG-02P	133	
	500	10	DEG-04P	133	
	500	10	DEGH-03P	134	
	500	10	DEGH-06P	134	
			DMM-2251-22	132	
			DMM-2252-22	132	
			DMM-2251-33	132	
			DMM-2252-33	132	
			DMM-2254-33	132	
			DMER-10	135	

Panel Feed-through Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
8.10	300	30	PPACN-4	139	
8.10	300	30	PPACNV-4	139	
10.00	300	30	PPAC-4SS	141	
10.00	300		PPAC-4SSG	141	Grounding
10.00	300	65	PPAC-10SS	141	
10.00	300		PPAC-10SSG	141	
10.10	300	65	PPACN-10	139	
10.10	300	65	PPACN-10AS	139	
10.10	300	65	PPACN-10Z	139	
12.10	300	85	PPAC-16SS	141	
12.10	300		PPAC-16SSG	141	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
12.10	600	85	PPAC-16	140	
12.10	600	85	PPACV-16	140	
12.10	600	85	PPAC-16AS	140	
12.10	600	85	PPACV-16AS	140	
15.10	300	115	PPAC-25	140	
15.10	300	115	PPAC-25AS	140	
15.10	300	85	PPAC-25SS	142	
18.80	600	150	PPAC-50	140	
18.80	300/600	150/5	PPAC-50AS	140	
25.00	600	230	PPAC-95	141	
25.00	600	230	PPAC-95MAS	141	

PCB Carrier Din Rail / Panel Mounting

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0040-0101E	136	
			0040-0102E	136	
			0040-0103E	136	
			0040-0104E	136	
			0040-0105E	136	
			0040-0106E	136	
			0040-0107E	136	
			0040-0108E	136	
			0040-0212E	136	
			0040-0213E	136	
			0040-0214E	136	
			0040-0215E	136	
			0040-0216E	136	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0040-0217E	136	
			0040-0218E	136	
			0040-0219E	136	
			0040-0220E	136	
			0040-0221E	136	
			0040-0222E	136	
			0040-0223E	136	
			0040-0224E	136	
			0040-0225E	136	
			0040-0226E	136	
			0040-0227E	136	
			0040-0228E	136	
			0040-0229E	136	

PCB Carrier Din Rail/ Panel Mounting

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0040-0301E	137	
			0040-0302E	137	
			0040-0303E	137	
			0040-0305E	137	
			0040-0308E	137	
			0040-0311E	137	
			0040-0314E	137	
			0040-0316E	137	
			0040-0318E	137	
			0040-0320E	137	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0040-0322E	137	
			0040-0324E	37	
			0040-0326E	137	
	250	10	RYPSA-04N	138	
	250	10	RYPSM-05F	138	
	250	10	RYPS-05N	138	
	250	10	RYPS-08N	138	
			KMRT-XXXX	138	
			KMRF-XXXX	138	
			KMRH-K175	138	

Barrier Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.62	300	10	0186-10XX	147	
7.62	300	15	DT-25-A02W-XX	145	
7.62	300	15	DT-25-B01W-XX	145	
7.62	300	15	DT-25-B07W-XX	146	
7.62	300	15	DT-25-B14W-XX	146	
7.62	300	15	DT-2G-A02W-XX	145	
7.62	300	15	DT-2G-B01W-XX	145	
7.62	300	15	DT-2G-B14W-XX	146	
8.25	300	20	DT-31-B01W-XX	146	
8.25	300	20	DT-35-A02W-XX	146	
8.25	300	20	DT-35-B01W-XX	146	
8.89	300	15	DT-3C-B01W-XX	148	
8.89	300	15	DT-89-B01W-XX	148	
9.50	300	25	DT-45-A02W-XX	147	
9.50	300	25	DT-45-B01W-XX	147	
9.50	300	20	DT-4C-B01W-XX	147	
9.50	300	20	DT-4C-B14W-XX	147	
10.00	300	20	DT-5C-B01W-XX	149	
10.00	300	20	DT-5C-B81W-XX	148	
10.00	300	20	DT-5C-B84W-XX	148	
10.00	300	25	DT-55-B01W-XX	148	
10.00	300	25	DT-55-B14W-XX	148	
11.00	300	40	DT-66-B01W-XX	149	
11.00	300	40	DT-66-B11W-XX	150	
11.00	300	40	DT-66-C01W-XX	149	
11.00	300	40	DT-66-C11W-XX	150	
11.00	300	25	DT-65-A02W-XX	150	
11.00	300	25	DT-65-B01W-XX	150	
11.00	300	25	DT-65-B14W-XX	150	

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
11.00	600	40	DT-66-B02W-XX	149	
13.00	600	40	DT-7C-A02W-XX	150	
13.00	600	40	DT-7C-B01W-XX	150	
13.00	600	40	DT-7C-B18W-XX	150	
16.00	600	50	0032-11XX	151	
16.00	600	65	0166-80XX	151	
16.00	600	65	0166-80XXC	151	
Triple Barrier, Single Row					
6.35	300	15	DT-29-B01W-XX	152	
6.35	300	15	DT-29-B02W-XX	152	
7.62	300	6	0032-09XX	152	
7.62	300	10	0032-14XX	153	
7.90	300	30	0167-10XX	154	
8.25	300	20	DT-39-B01W-XX	153	
8.25	300	20	DT-39-B02W-XX	153	
8.80	600	20	0167-90XX	154	
9.50	300	25	DT-49-B01W-XX	153	
9.50	300	25	DT-49-B02W-XX	153	
9.50	300	25	DT-49-C91W-XX	154	
10.00	300	45	0186-40XX	154	
11.00	300	30	DT-69-B01W-XX	154	
11.00	300	30 / 50	0167-52XX	155	
11.00	600	20 / 45	DT-69-H53W-XX	155	
11.00	600	30 / 50	0167-50XX	155	
12.70	600	43(sol)/45(str)	DT-79-B01W-XX	156	
13.00	300	65	0167-80XX	156	
13.00	300	65	0167-80XXC	156	
13.00	600	20	0167-70XX	156	

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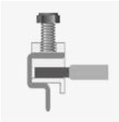
Barrier Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
Test Terminal Blocks											
11.58	300	60	0113-22XX	143							
Triple Barrier, Bi-Level											
7.62	300	10	0032-15XX	157		9.52	300	20	4DC-B01W-XX	157	
7.62	300	15	2DC-B01W-XX	158		9.70	300	15	0032-45XX	158	
7.62	300	15	2DD-B01W-XX	158		14.30	600	35	0113-10XX	158	
7.62	300	20	0032-23XX	158							
Barrier Type Panel Feed Through Terminal Blocks											
8.50	300	20	0168-10XX	160		21.00	600	130	0168-51XX	161	
8.50	300	20	0168-14XX	160		21.00	600	130	0168-54XX	162	
8.50	300	20	0168-15XX	160		27.00	600	175	0168-62XX	163	
11.00	300	30	0168-20XX	161		27.00	600	175	0168-63XX	163	
11.00	300	30	0168-24XX	161		27.00	600	175	0168-65XX	163	
13.00	600	50	0168-32XX	162							
13.00	600	50	0168-35XX	162							
16.00	600	115	0168-40XX	161							
16.00	600	115	0168-42XX	162							
16.00	600	115	0168-43XX	162							
16.00	600	115	0168-45XX	162							
21.00	600	130	0168-50XX	161							
Quick Terminals / Tabs											
3.40		20	P-620	166		9.50		25	DS-401	165	
5.00		30	P-850	165		10.80		85	P-830	166	
5.00		30	P-851	165		10.80		85	P-831	166	
5.08		30	P-610	166		11.00		25	DS-601	165	
5.08		30	P-860	165		13.00		40	DS-701	165	
5.08		30	P-861	165		13.00		40	DS-701R	165	
5.08		30	P-871	165		15.40		150	P-840	166	
5.08		30	P-872	165					S000001100-F	166	
7.00		50	P-820	166					S000001200-F	166	
7.50		80	P-810	166					S000004700-F	166	
7.62		15	DS-201	165					S000008400-F	166	
8.25		20	DS-301	165							

Accessories

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0159K1L	22	Key coding				ECHK1L	66	Key coding, THR
			0225K1	24	Key coding				ECHK2	66	Key coding
			0225K2L	24	Key coding				EHDK1	66	Key coding
			0225K3	24	Key coding				EHDK1L	66	Key coding, THR
			0225K4L	24	Key coding				ESDK1	66	Key coding
			0227K1	27	Key coding				ESDK2	66	Key coding
			0227K2L	28	Key coding				SDH-002	38	Wire entry tool
			CSC-01XX	66	Jumper				SDH-003	38	Wire entry tool
			ECHK1	66	Key coding						

Connection methods



Screw connection

Spring clamp connection

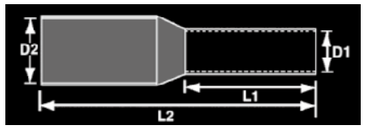
Push-in design

Front screw connection

Wire protector type

Iron soldering

Wire Ferrules



Unit:mm

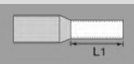
Part No.	Wire Range AWG	Wire Range mm²	Dimension (Unit: mm²) D1	Dimension (Unit: mm²) D2	Dimension (Unit: mm) L1	Dimension (Unit: mm) L2	DIN Color	Package pcs/bag	Package bags/box
DN00206D	24	0.2	0.75	1.9	6	10	Light Blue	1000	10
DN00208D					8	12			
DN00306D	22	0.34	0.8	1.9	6	10	Turouise		
DN00308D					8	12			
DN00506D	20	0.5	1	2.6	6	12	White	500	
DN00508D					8	14			
DN00510D					10	16			8
DN00706D	18/20	0.75	1.2	2.8	6	12	Grey		
DN00708D					8	14			
DN00710D					10	16			
DN00712D					12	18			
DN01006D	18	1	1.4	3	6	12	Red		6
DN01008D					8	14			
DN01010D					10	16			
DN01012D					12	18			
DN01508D	16	1.5	1.7	3.5	8	14	Black		4
DN01510D					10	16			
DN01512D					12	18			
DN01518D					18	24			
DN02508D	14	2.5	2.2	4.2	8	14	Blue		
DN02510D					10	16			3
DN02512D					12	18			
DN02518D					18	24			
DN04010D	12	4	2.8	4.8	10	17	Grey		2
DN04012D					12	20			
DN04018D					18	26			
DN06012D	10	6	3.5	6.3	12	20	Yellow		1
DN06018D					18	26			
DN10012D	8	10	4.5	7.6	12	22	Red	200	1
DN10018D					18	28			
DN16012D	6	16	5.8	8.8	12	22	Blue		
DN16018D					18	28			
DN25016D	4	25	7.3	11.2	16	30	Yellow	100	
DN25018D					18	30			
DN25022D					22	36			
DN35016D	2	35	8.3	12.7	16	30	Red		
DN35018D					18	32			
DN35025D					25	39			
DN50020D	1	50	10.3	15	20	36	Blue	50	
DN50025D					25	40			
DN70021D	2/0	70	13.5	16	21	37	Yellow	50	1
DN95025D	3/0	95	14.7	18	25	44	Red		
DN96027D	4/0	120	16.7	20	27	48	Blue	20	
DN97032D	250kcmil	150	19.5	23	32	58	Yellow		

Note:
The wire diameter of the table is determined according to UL486E, IEC998-1 and IEC947-7. Please refer to the table to select suitable ferrules. All recommended ferrules in this catalogue are in accordance with this table.

DNT13-0102
28-7 AWG
0.08-10 mm²

Wire Ferrules

PID connection PCB connectors

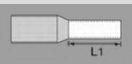


Wire range AWG	Terminal blocks	Page	Strip length mm	Applicable Ferrules Ferrule P/N	AWG	mm²	L1
30~20	0156-1AXX-BK	17	8	DN00308D	22	0.34	8
	0156-1BXX-BK	16	8	DN00208D	24	0.25	8
	0156-1CXX-BK	17	8				
	0156-1DXX-BK	17	8				
30~12	0189-25XX	130	11~12	DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	18	1	12
				DN00712D	18/20	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~20	ESC250L-XXP	41	9	DN00308D	22	0.34	8
	ESC250V-XXP	41	9	DN00208D	24	0.25	8
28~16	0156-2AXX-BK	19	8	DN01010D	/	1	10
	0156-2BXX-BK	19	8	DN00710D	18	0.75	10
	0156-2CXX-BK	19	8	DN00508D	20	0.5	8
	0156-2DXX-BK	19	8	DN00308D	22	0.34	8
28~16	0191-01XX	89	9	DN00710D	18	0.75	10
	0191-01XXC	89	9	DN00510D	20	0.5	10
	0191-02XX	89	9	DN00308D	22	0.34	8
	0191-02XXC	89	9	DN00208D	24	0.25	8
28~16	0218-21XX	4	9~10	DN00710D	18	0.75	10
	0218-21XXM0256-11	96	9~10	DN00510D	20	0.5	10
	0218-21XXM0256-21	96	9~10	DN00308D	22	0.34	8
	0218-21XXM0256-31	96	9~10	DN00208D	24	0.25	8
	0218-23XX	4	9~10				
	0218-23XXM0256-13	96	9~10				
	0218-23XXM0256-23	96	9~10				
	0218-23XXM0256-33	96	9~10				
	0218-25XX	4	9~10				
	0218-25XXM0256-11	96	9~10				
	0218-25XXM0256-21	96	9~10				
	0218-25XXM0256-31	96	9~10				
	0218-27XX	4	9~10				
	0218-27XXM0256-13	96	9~10				
	0218-27XXM0256-23	96	9~10				
	0218-27XXM0256-33	96	9~10				
	0218-2GXX	4	9~10				
	0218-2GXXM0256-13	95	9~10				
	0218-2GXXM0256-33	95	9~10				

Wire range AWG	Terminal blocks	Page	Strip length mm	Applicable Ferrules Ferrule P/N	AWG	mm²	L1
28~16	0225-01XX	23	9	DN01010D	/	1	10
	0225-02XX	23	9	DN00710D	18	0.75	10
	0225-03XX	24	9	DN00510D	20	0.5	10
	0225-06XX	24	9	DN00308D	22	0.34	8
	0225-07XX	24	9	DN00208D	24	0.25	8
	0225-08XX	24	9				
28~16	0225-04XX	29	9	DN01008D	/	1	8
	0225-05XX	29	9	DN00708D	18	0.75	8
	0225-09XX	29	9	DN00508D	20	0.5	8
	0225-0AXX	30	9	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	0256-11XX	3	10	DN00710D	18	0.75	10
	0256-12XX	3	10	DN00510D	20	0.5	10
	0256-13XX	3	10	DN00308D	22	0.34	8
	0256-14XX	4	10	DN00208D	24	0.25	8
	0256-21XX	3	10				
	0256-22XX	3	10				
	0256-23XX	3	10				
	0256-24XX	4	10				
	0256-31XX	3	10				
	0256-32XX	3	10				
	0256-33XX	3	10				
	0256-34XX	4	10				
	0256-61XX	5	10				
	0256-62XX	5	10				
	0256-63XX	5	10				
	0256-64XX	6	10				
28~16	0256-71XX	5	10	DN00710D	18	0.75	10
	0256-72XX	5	10	DN00510D	20	0.5	10
	0256-73XX	5	10	DN00308D	22	0.34	8
	0256-74XX	6	10	DN00208D	24	0.25	8
	0256-81XX	5	10				
	0256-82XX	5	10				
	0256-83XX	5	10				
	0256-84XX	6	10				
28~16	ESC350V-XXP	42	10~11	DN00710D	18	0.75	10
	ESC350VK-XXP	42	10~11	DN00508D	20	0.5	8
	ESC350VM-XXP	42	10~11	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	ESC381V-XXP	42	10~11	DN01010D	/	1	10
	ESC381VK-XXP	42	10~11	DN00710D	18	0.75	10
	ESC381VM-XXP	42	10~11	DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire Ferrules

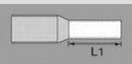
PID connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
28~16	ESC508V-XXP	44	10~11	DN01010D	/	1	10
	ESC508VM-XXP	44	10~11	DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~14	0229-A5XXY	98	9	DN01508D	16	1.5	8
	0229-A9XXY	98	9	DN01008D	/	1	8
	0229-F4XX	98	9	DN00708D	18	0.75	8
	0229-F5XX	98	9	DN00508D	20	0.5	8
	0229-F5XXY	98	9	DN00308D	22	0.34	8
	0229-F9XX	98	9	DN00208D	24	0.25	8
	0229-F9XXY	98	9				
	0229-FAXX	98	9				
	0229-M5XXY	98	9				
	0229-M9XXY	98	9				
28-~12	0234-20XX-MW	40	10	DN01510D	16	1.5	10
	0234-30XX-MW	40	10	DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28-~12	0254-20XX	40	14	DN00510D	20	0.5	10
	0254-30XX	40	14	DN01012D	/	1	12
				DN01512D	16	1.5	12
				DN00712D	18	0.75	12
26~18	0157-1BXX	18	8	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~18	0288-1AXX	15	7~8	DN00308D	22	0.34	8
	0288-1DXX	16	7~8	DN00508D	20	0.5	8
	0288-2AXX	95	7~8				
	0288-AAXX	95	7~8				
	0288-ADXX	95	7~8				
26~16	0156-9BXX	19	11~12	DN01010D	/	1	10
	0156-9CXX	19	11~12	DN00710D	18	0.75	10
	0156-9AXX	20	11~12	DN00510D	20	0.5	10
	0156-9DXX	20	11~12	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	0121-01XX	45	12	DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
26~12	0161-01XX	93	13	DN02512D	14	2.5	12
	0161-02XX	93	13	DN01510D	16	1.5	10
	0161-03XX	93	13	DN01010D	/	1	10
	0161-04XX	93	13	DN00710D	18	0.75	10
				DN00510D	20	0.5	10
26~12	0227-01XX	27	12~13	DN02512D	14	2.5	12
	0227-02XX	27	12~13	DN01510D	16	1.5	10
	0227-03XX	27	12~13	DN01010D	/	1	10
	0227-04XX	27	12~13	DN00710D	18	0.75	10
	0227-06XX	28	12~13	DN00510D	20	0.5	10
	0227-07XX	28	12~13	DN00308D	22	0.34	8
	0227-08XX	28	12~13	DN00208D	24	0.25	8
	0227-09XX	28	12~13				
26~12	0257-11XX	7	10~12	DN02512D	14	2.5	12
	0257-12XX	7	10~12	DN01512D	16	1.5	12
	0257-14XX	7	10~12	DN01012D	/	1	12
	0257-21XX	7	10~12	DN00712D	18	0.75	12
	0257-22XX	7	10~12	DN00508D	20	0.5	10
	0257-24XX	7	10~12	DN00308D	22	0.34	8
	0257-31XX	7	10~12	DN00208D	24	0.25	8
	0257-32XX	7	10~12				
	0257-34XX	7	10~12				
	0257-61XX	8	10~12				
	0257-62XX	8	10~12				
	0257-64XX	8	10~12				
26~12	0257-71XX	8	10~12	DN02512D	14	2.5	12
	0257-72XX	8	10~12	DN01512D	16	1.5	12
	0257-74XX	8	10~12	DN01012D	18	1	12
	0257-81XX	8	10~12	DN00712D	18	0.75	12
	0257-82XX	8	10~12	DN00510D	20	0.5	10
	0257-84XX	8	10~12	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	2ESDS-XXP	44	11~12	DN02510D	14	2.5	10
	2ESDSM-XXP	44	11~12	DN01510D	16	1.5	10
	2ESDSR-XXP	44	11~12	DN01010D	/	1	10
	2ESDSRM-XXP	44	11~12	DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	2ESDSV-XXP	45	13	DN02512D	14	2.5	12
	2ESDSVK-XXP	45	13	DN01510D	16	1.5	10
	2ESDSVM-XXP	45	13	DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10

PID connection PCB connectors

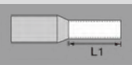


Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
26~12	2ESR-XXP	36	11	DN02512D	14	2.5	12
	2ESRK-XXP	36	11	DN01512D	16	1.5	12
	2ESRM-XXP	36	11	DN01012D	/	1	12
	2ESV-XXP	36	11	DN00712D	18	0.75	12
	2ESVK-XXP	36	11	DN00510D	20	0.5	10
	2ESVM-XXP	36	11				
26~12	3ESDS-XXP	46	11~12	DN02510D	14	2.5	10
	3ESDSM-XXP	46	11~12	DN01510D	16	1.5	10
	3ESDSR-XXP	46	11~12	DN01010D	/	1	10
	3ESDSRH-XXP	46	9	DN00710D	18	0.75	10
	3ESDSRHM-XXP	46	9	DN00510D	20	0.5	10
	3ESDSRM-XXP	46	11~12	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	5ESDS-XXP	43	11~12	DN02510D	14	2.5	10
	5ESDSM-XXP	43	11~12	DN01510D	16	1.5	10
	5ESDSR-XXP	43	10~11	DN01010D	/	1	10
	5ESDSRM-XXP	43	10~11	DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	5ESR-XXP	34	11	DN02512D	14	2.5	12
	5ESRK-XXP	34	11	DN01510D	16	1.5	10
	5ESRM-XXP	34	11	DN01010D	/	1	10
	5ESV-XXP	34	11	DN00710D	18	0.75	10
	5ESVK-XXP	34	11	DN00510D	20	0.5	10
	5ESVM-XXP	34	11	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~16	0159-01XX	21	10	DN01010D	/	1	10
	0159-03XX	21	10	DN00710D	18	0.75	10
	0159-04XX	21	10	DN00510D	20	0.5	10
	0159-05XX	22	10	DN00308D	22	0.34	8
	0159-07XX	22	10	DN00208D	24	0.25	8
	0159-08XX	22	10				
24~16	0181-A1XX	92	10	DN01010D	/	1	10
	0181-A3XX	92	10	DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~16	0184-01XX	126	9	DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~16	0184-11XX	125	9	DN00710D	18	0.75	10
	0184-13XX	125	9	DN00510D	20	0.5	10
	0184-15XX	125	9	DN00308D	22	0.34	8
	0184-16XX	125	9	DN00208D	24	0.25	8
24~16	0184-31XX	126	8~9	DN01010D	/	1	10
	0184-33XX	126	8~9	DN00710D	18	0.75	10
	0184-35XX	126	8~9	DN00510D	20	0.5	10
	0184-36XX	126	8~9	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~16	0191-04XX	89	8	DN01010D	/	1	10
	0191-04XXC	89	8	DN00710D	18	0.75	10
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~16	0191-06XX	88	9	DN00710D	18	0.75	10
	0191-06XXC	88	9	DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~16	0221-20XX	31	10	DN01010D	/	1	10
	0221-21XX	32	10	DN00710D	18	0.75	10
	0221-24XX	32	10	DN00510D	20	0.5	10
	0221-28XX	32	10	DN00308D	22	0.34	8
	0221-29XX	32	10	DN00208D	24	0.25	8
24~16	0221-42XX	33	10	DN01010D	/	1	10
	0221-43XX	33	10	DN00710D	18	0.75	10
	0221-44XX	33	10	DN00510D	20	0.5	10
24~16	0226-01XX	25	9	DN01010D	/	1	10
	0226-02XX	25	9	DN00710D	18	0.75	10
	0226-03XX	25	9	DN00510D	20	0.5	10
	0226-06XX	26	9	DN00308D	22	0.34	8
	0226-07XX	26	9	DN00208D	24	0.25	8
	0226-08XX	26	9				
24~12	0150-20XX	37	12	DN01512D	16	1.5	12
	0150-30XX	38	12	DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~12	2ESDB-XXP	94	12	DN02512D	14	2.5	12
	2ESDBA-XXP	94	12	DN01512D	16	1.5	12
	2ESDBAM-XXP	94	12	DN01012D	/	1	12
	2ESDBM-XXP	94	12	DN00710D	18	0.75	10

Wire Ferrules

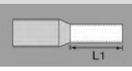
PID connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~12	2ESS-XXP	35	11	DN02512D	14	2.5	12
	2ESSM-XXP	35	11	DN01510D	16	1.5	10
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
20~12	0150-40XX	38	13	DN01512D	16	1.5	12
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
20~4	0187-A4XX	94	18~20	DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18
				DN01518D	16	1.5	18
				DN01012D	/	1	12
				DN00712D	18	0.75	12
20~8	0258-61XX	10	12~14	DN06012D	10	6	12
				DN04012D	12	4	12
				DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

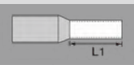
Screw connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~14	EC508V-XXP	52	6~7	DN01006D	/	1	6
	EC508VM-XXP	52	6~7	DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
30~14	ECSH381MK-XXP	122	7	DN01006D	/	1	6
	ECSH381K-XXP	122	7	DN00706D	18	0.75	6
	ECSH381V-XXP	122	7	DN00506D	20	0.5	6
	ECSH381VM-XXP	122	7	DN00306D	22	0.34	6
				DN00206D	24	0.25	6
30~14	EC381F-XXP	50	8	DN01008D	/	1	8
	EC381FM-XXP	50	8	DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
30~14	EC350F-XXP	50	9	DN01008D	/	1	8
	EC350FM-XXP	50	9	DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~12	2ESDA-XXP	55	7~8	DN02508D	14	2.5	8
	2ESDAM-XXP	55	7~8	DN01508D	16	1.5	8
	2ESDL-XXP	56	7~8	DN01008D	/	1	8
	2ESDP-XXP	55	7~8	DN00708D	18	0.75	8
	2ESDPL-XXP	56	7~8	DN00508D	20	0.5	8
	2ESDPLM-XXP	56	7~8	DN00308D	22	0.34	8
	2ESDPM-XXP	55	7~8	DN00208D	24	0.25	8
	2ESDV-XXP	55	6~7				
	2ESDVH-XXP	54	6~7				
	2ESDVM-XXP	55	6~7				
	2ESDVNM-XXP	56	6~7				
	2ESDVS-03P	55	7~8				
30~12	2ESDVB-XXP	92	7~8	DN02510D	14	2.5	10
	2ESDVBM-XXP	92	7~8	DN01510D	16	1.5	10
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Screw connection PCB connectors

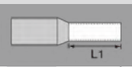


Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~12	3ESDP-XXP	57	7~8	DN02508D	14	2.5	8
	3ESDPL-XXP	57	7~8	DN01508D	16	1.5	8
	3ESDPLM-XXP	57	7~8	DN01008D	/	1	8
	3ESDPM-XXP	57	7~8	DN00708D	18	0.75	8
	3ESDV-XXP	57	7~8	DN00508D	20	0.5	8
	3ESDVH-XXP	58	7~8	DN00308D	22	0.34	8
	3ESDVHM-XXP	58	7~8	DN00208D	24	0.25	8
	3ESDVM-XXP	57	7~8				
30~12	5ESDA-XXP	53	7~8	DN02508D	14	2.5	8
	5ESDAM-XXP	53	7~8	DN01508D	16	1.5	8
	5ESDP-XXP	53	7~8	DN01008D	/	1	8
	5ESDPL-XXP	54	7~8	DN00708D	18	0.75	8
	5ESDPLM-XXP	54	8	DN00508D	20	0.5	8
	5ESDPM-XXP	53	8	DN00308D	22	0.34	8
	5ESDV-XXP	53	6~7	DN00208D	24	0.25	8
	5ESDVM-XXP	53	6~7				
30~12	5ESDTS-XXP	51	7~8	DN02510D	14	2.5	10
				DN01510D	16	1.5	10
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
30~12	7ESDP-XXP	57	7~8	DN02508D	14	2.5	8
	7ESDPL-XXP	57	7~8	DN01508D	16	1.5	8
	7ESDPLM-XXP	57	7~8	DN01008D	/	1	8
	7ESDPM-XXP	57	7~8	DN00708D	18	0.75	8
	7ESDV-XXP	57	7~8	DN00508D	20	0.5	8
	7ESDVM-XXP	57	7~8	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
30~10	EC762V-XXP	63	10~11	DN04012D	12	4	12
				DN02508D	14	2.5	8
				DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~8	EC762HLNM-XXP	63	10~11	DN04010D	12	4	10
	EC762HV-XXP	63	10~11	DN02512D	14	2.5	12
	EC762HVM-XXP	63	10~11	DN01510D	16	1.5	10
	EC762HVN-XXP	63	10~11	DN01010D	/	1	10
	EC762HVNM-XXP	63	10~11	DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
30~8	EC762H-XXP	80	11	DN06018D	10	6	18
				DN04012D	12	4	12
				DN02512D	14	2.5	12
				DN01510D	16	1.5	10
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
30~8	ECSH762FS-XXP	123	11	DN04012D	12	4	12
	ECSH762SS-XXP	123	11	DN02512D	14	2.5	12
	ECSH762V-XXP	123	11	DN01510D	16	1.5	10
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~14	CPC350-XXP	126	6	DN01006D	18	1	6
				DN00706D	18/20	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
28~14	EC350R-XXP	49	7	DN01008D	/	1	8
	EC350RL-XXP	49	7	DN00708D	18	0.75	8
	EC350RLM-XXP	49	7	DN00508D	20	0.5	8
	EC350RM-XXP	49	7	DN00308D	22	0.34	8
	EC350V-XXP	49	7	DN00206D	24	0.25	6
	EC350VM-XXP	49	7				

Wire Ferrules

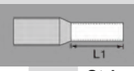
Screw connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
28~14	EC381L-XXP	51	7	DN01008D	/	1	8
	EC381LM-XXP	51	7	DN00708D	18	0.75	8
	EC381V-XXP	49	7	DN00508D	20	0.5	8
	EC381VK-XXP	51	7	DN00308D	22	0.34	8
	EC381VM-XXP	49	7	DN00206D	24	0.25	6
	EC381R-XXP	49	7				
	EC381RL-XXP	49	7				
	EC381RLM-XXP	49	7				
	EC381RM-XXP	49	7				
28~14	EC508F-XXP	52	9	DN01508D	16	1.5	8
	EC508FM-XXP	52	9	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~12	3ESNP-XXP	61	7~8	DN02508D	14	2.5	8
	3ESNPL-XXP	61	7~8	DN01508D	16	1.5	8
	3ESNPLM-XXP	61	7~8	DN01008D	/	1	8
	3ESNPLS-XXP	61	7~8	DN00708D	18	0.75	8
	3ESNPLSM-XXP	61	7~8	DN00508D	20	0.5	8
	3ESNPM-XXP	61	7~8	DN00308D	22	0.34	8
	3ESNPS-XXP	61	7~8	DN00208D	24	0.25	8
	3ESNPSM-XXP	61	7~8				
	5ESDG-XXP	126	8				
	5ESDT-XXP	130	6~7				
28~10	3ESNPH-XXP	62	7~8	DN02508D	14	2.5	8
	3ESNPHL-XXP	62	7~8	DN01508D	16	1.5	8
	3ESNPHLM-XXP	62	7~8	DN01008D	/	1	8
	3ESNPHM-XXP	62	7~8	DN00708D	18	0.75	8
	3ESNVH-XXP	62	7~8	DN00508D	20	0.5	8
	3ESNVHM-XXP	62	7~8	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	0164-01XX	90	7	DN02508D	14	2.5	8
	0164-01XX(T)	90	7	DN01508D	16	1.5	8
	0164-02XX	90	7	DN01008D	/	1	8
	0164-A1XX	90	7	DN00708D	18	0.75	8
	0164-A1XX(T)	90	7	DN00508D	20	0.5	8
	0164-A2XX	90	7	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~14	0162-01XX	90	7	DN01006D	/	1	6
	0162-A1XX	90	7	DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6

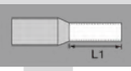
Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~12	2ESH-XXP	122	7	DN02508D	14	2.5	8
	2ESHM-XXP	122	7	DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00306D	22	0.34	6
24~12	5ESDF-XXP	52	9~10	DN02510D	14	2.5	10
	5ESDFM-XXP	52	9~10	DN01510D	16	1.5	10
	2ESDF-XXP	53	10	DN01010D	/	1	10
	2ESDFM-XXP	53	10	DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
22~14	ED130F-XXP	88	6	DN01006D	/	1	6
	ED130T-XXP	88	6	DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
20~10	0183-01XX	64	9	DN04010D	12	4	10
	0183-01XXTXX	64	9	DN02510D	14	2.5	10
				DN01510D	16	1.5	10
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
20~6	EC880HV-XXP	64	11~10	DN04012D	12	4.0	12
	EC880HVT-XXP	64	11~10	DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1.0	12
				DN00712D	18	0.8	12
				DN00510D	20	0.5	10
				DN00308D	22	0.3	8
				DN00208D	24	0.3	8
20~2	EC150VM-XXP	66	19~20	DN35025D	2	35	25
				DN25022D	4	25	22
				DN16018D	6	16	18
				DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18
				DN01518D	16	1.5	18

Screw connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
16~6	EC116V-XXP	65	14~15	DN10018D	8	10	18
	EC116VM-XXP	65	14~15	DN06018D	10	6	18
	ECSH116K-XXP	98	14~15	DN04018D	12	4	18
	ECSH116M-XXP	98	14~15	DN02518D	14	2.5	18
	ECSH116MK-XXP	98	14~15	DN01518D	16	1.5	18
	ECSH116V-XXP	98	14~15	DN01012D	/	1	12
	ECSH116VM-XXP	124	14~15	DN00712D	18	0.75	12
				DN00510D	20	0.5	10

PID connection PCB terminal blocks

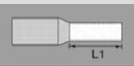


Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
28~20	0136-10XX	101	8	DN00308D	22	0.34	8
	0136-11XX	101	8	DN00208D	24	0.25	8
28~16	0136-20XX	102	9	DN00510D	20	0.5	10
	0136-21XX	102	9	DN00308D	22	0.34	8
	0136-22XX	102	9	DN00208D	24	0.25	8
	0136-23XX	102	9				
28~16	0138-50XX	102	8~9	DN00710D	18	0.75	10
	0138-50XXL	102	8~9	DN00508D	20	0.5	8
	0138-50XXSMDWR	101	8~9	DN00308D	22	0.34	8
	0138-51XX	102	8~9	DN00208D	24	0.25	8
	0138-51XXL	102	8~9				
28~16	0151-01XX	103	10~11	DN01010D	/	1	10
	0151-01XXL	103	10~11	DN00710D	18	0.75	10
	0151-02XX	103	10~11	DN00508D	20	0.5	8
	0151-02XXL	103	10~11	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	0152-01XX	104	8~9	DN01010D	18	1	10
	0152-02XX	104	8~9	DN00710D	18/20	0.75	10
	0152-53XX	106	8~9	DN00510D	20	0.5	10
28~16	0152-03XX	104	8~9	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	0188-12XXSMDWR	104	8~9	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
28~16	0275-11XXY5	11	9~10	DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	0275-11XX	11	10~11	DN01010D	/	1	10
	0290-11XX	11	9~10	DN00710D	18	0.75	10
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~14	0138-42XXL20	103	9	DN01010D	/	1	10
	0138-60XX	106	9	DN00710D	18	0.75	10
	0138-60XXL	106	9	DN00510D	20	0.5	10
	0138-61XX	106	9	DN00308D	22	0.34	8
	0138-61XXL	106	9	DN00208D	24	0.25	8
26~18	0188-01XXL	100	8	DN00508D	20	0.5	8
	0188-02XXL	100	8	DN00308D	22	0.34	8
	0188-01XXSMDWR	100	8	DN00208D	24	0.25	8
	0188-02XXSMDWR	100	8				
26~16(Sol) 24~20(Str)	0137-40XX	102	8~9	DN00710D	18	0.75	10
	0137-41XX	102	8~9	DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~16	0185-12XX	103	9	DN00710D	18	0.75	10
	0185-13XX	103	9	DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire Ferrules

PID connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
26~16	0137-11XX	104	10	DN01010D	/	1	10
	0141-01XX	104	10	DN00710D	18	0.75	10
	0141-21XX	106	10	DN00508D	20	0.5	8
	0141-22XX	104	10	DN00308D	22	0.34	8
	0141-24XX	106	10	DN00208D	24	0.25	8
	0185-31XX	91	9				
	0185-32XX	91	9				
26~16	0177-31XX	107	10	DN00710D	18	0.75	10
	0177-33XX	107	10	DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~14	0138-70XX	105	11	DN01012D	/	1	12
	0138-76XX	105	11	DN00712D	18	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	0177-51XX	108	10	DN01510D	16	1.5	10
	0177-53XX	108	10	DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~18	0137-41XXM	103	7~8	DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~18	0191-05XX	89	7	DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
24~14	0162-06XX	90	11	DN01510D	16	1.5	10
	0162-A6XX	90	11	DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
24~12	0153-01XX	105	14	DN02512D	14	2.5	12
	0153-02XX	105	14	DN01512D	16	1.5	12
	0153-41XX	106	14	DN01012D	/	1	12
	0153-91XX	105	14	DN00712D	18	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~12	0275-21XX	11	12	DN02512D	14	2.5	12
	0290-21XX	11	12	DN01512D	16	1.5	12
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~12	0276-21XX	11	10~12	DN04010D	14	2.5	10
				DN02510D	16	1.5	10
				DN01510D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~10	0177-76XX	108	14	DN04012D	12	4	12
	0177-78XX	108	14	DN02512D	14	2.5	12
				DN01510D	16	1.5	10
				DN01010D	/	1	10
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~8	0177-81XX	107	15	DN06018D	10	6	18
	0177-83XX	107	15	DN04012D	12	4	12
	0177-86XX	107	16	DN02512D	14	2.5	12
	0177-88XX	107	16	DN01512D	16	1.5	12
				DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~8	0275-31XX	12	14~16	DN06012D	10	6	12
	0275-32XX	12	14~16	DN04012D	12	4	12
	0290-31XX	12	14	DN02512D	14	2.5	12
	0290-32XX	12	14	DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

PID connection PCB terminal blocks

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
22~14	142R-XXP	105	10	DN01012D	/	1	12
	142V-XXP	105	10	DN00712D	18	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
20~4	0177-03XX	108	20	DN10018D	8	10	18
	0177-06XX	108	20	DN06018D	10	6	18
	0177-08XX	108	20	DN04018D	12	4	18
				DN02518D	14	2.5	18
				DN01518D	16	1.5	18
				DN01012D	/	1	12
				DN00712D	18	0.75	12
18~4	0290-41XXYB	13	19	DN10012D	8	10	12
	0290-42XXYD	13	19	DN06012D	10	6	12
	0290-42XXP3YD	13	19	DN04012D	12	4	10
				DN02508D	14	2.5	8
				DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00712D	18	0.75	12

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
14~2	0177-B3XX	108	23~25	DN35025D	2	35	25
				DN25022D	4	25	22
				DN16018D	6	16	18
				DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18
14~2	0290-51XX	13	24~26	DN35025D	2	35	25
	0290-51XXM	13	24~26	DN25022D	4	25	22
				DN16018D	6	16	18
				DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18

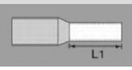
Screw connection PCB terminal blocks

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~16	EK350A-XXP	110	6	DN00706D	18	0.75	6
	EK350V-XXP	109	6	DN00506D	20	0.5	6
	EK350V4L-XXP	110	6	DN00306D	22	0.34	6
	EK381A-XXP	110	6	DN00206D	24	0.25	6
	EK381V-XXP	109	6				
	EK381V3L-XXP	109	6				
	EK381V4L-XXP	109	6				
	E3K381V-XXP	110	6				
	EEK381V-XXP	110	6				
	EHK381V-XXP	110	6				
30~16	ELK508V-XXP	111	6	DN01006D	/	1	6
				DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~14	EESK381V-XXP	110	6	DN01006D	/	1	6
	ELK500S-XXP	110	6	DN00706D	18	0.75	6
	ELK500V-XXP	110	6	DN00506D	20	0.5	6
	ELK508S-XXP	112	6	DN00306D	22	0.34	6
	ESK381V-XXP	109	6	DN00206D	24	0.25	6
	ESK381V4L-XXP	110	6				
	ESK381R-XXP	110	6				
	E2LK508V-XXP	112	7				
30~10	EKB635V-XXP	114	8~9	DN04010D	12	4	10
				DN02508D	14	2.5	8
				DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	EK254V-XXP	109	5	DN00306D	22	0.34	6
				DN00206D	24	0.25	6

Wire Ferrules

Screw connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
28~12	EK750V-XXP	114	7	DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.2	8
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
26~16 (Sol) 26~14 (Str)	ELK508V3L-XXP	111	6~7	DN01006D	/	1	6
				DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
26~16	EELK508V-XXP	111	6~7	DN01006D	/	1	6
				DN00706D	18	0.75	6
				DN00506D	20	0.5	6
				DN00306D	22	0.34	6
				DN00206D	24	0.25	6
26~16	ELK500B-XXP	110	7	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~12	ESK508V-XXP	114	8	DN02508D	14	2.5	8
	ESK508V3L-XXP	113	8	DN01508D	16	1.5	8
	ESK508V4L-XXP	113	8	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~10	EK950HVN-XXP	115	8	DN02508D	14	2.5	8
	EK950V-XXP	115	8	DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
26~10	ESK635V-XXP	114	8~9	DN04010D	12	4	10
				DN02508D	14	2.5	8
				DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~12	E2HK500V-XXPAM	112	7	DN02508D	14	2.5	8
	E3K500V-XXP	111	7	DN01508D	16	1.5	8
	E3K508V-XXP	114	7	DN01008D	/	1	8
	EEK500V-XXP	111	7	DN00708D	18	0.75	8
	EEK508V-XXP	114	7	DN00508D	20	0.5	8
	EHK2V-XXP	113	7	DN00306D	22	0.34	6
	EHK5V-XXP	112	8	DN00206D	24	0.25	6
	EHK5V3L-XXP	111	7				
	EHK500R-XXP	112	7				
	EHK508V2L-XXP	114	7				
	EHK508V3L-XXP	114	7				
24~12	EHK3V-XXP	115	7	DN02508D	14	2.5	8
	EHK7V-XXP	113	7~8	DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~12	EK500A-XXP	111	7	DN02508D	14	2.5	8
	EK500R-XXP	111	7	DN01508D	16	1.5	8
	EK500V-XXP	111	7	DN01008D	/	1	8
	EK500V2L-XXP	112	7	DN00708D	18	0.75	8
	EK500V3L-XXP	112	7	DN00508D	20	0.5	8
	EK500V4L-XXP	112	7	DN00306D	22	0.34	6
	EK508A-XXP	112	8	DN00206D	24	0.25	6
	EK508R-XXP	112	7				
	EK508V-XXP	112	7				
	EK508V2L-XXP	113	7				
	EK508V3L-XXP	113	7				
	EK508V4L-XXP	113	7				
24~12	E2HK508V-XXPAM	114	7~8	DN01508D	16	1.5	8
	EEHK2V-XXP	113	7~8	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~10	EKB762V-XXP	116	7~8	DN02508D	14	2.5	8
	ESK750V-XXP	114	7~8	DN01508D	16	1.5	8
	ESK762V-XXP	116	7~8	DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.2	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

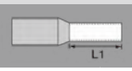
Screw connection PCB terminal blocks

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~6	PDS-10-XX	118	13	DN10012D	8	10	12
	PDS-10A-XX	118	13	DN06012D	10	6	12
	PDS-10S-XX	118	13	DN04012D	12	4	12
				DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
22~12	DT-123HVR-XXP	118	14	DN01512D	16	1.5	12
	DT-123RA-XXP	117	14	DN01012D	/	1	12
	DT-123RA-XXP3	117	14	DN00712D	18	0.75	12
	DT-123VA-XXP	117	14	DN00510D	20	0.5	10
	DT-123VA-XXP3	117	14	DN00308D	22	0.34	8
				DN00208D	24	0.25	8
22~10	DT-2300-XXP	117	14	DN04018D	12	4	18
	DT-2301-XXP	117	14	DN02512D	14	2.5	12
	DT-2320-XXP	118	14	DN01512D	16	1.5	12
	DT-2321-XXP	118	14	DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
22~6	ESKW116V-XXP	116	13~14	DN10012D	8	10	12
				DN06012D	10	6	12
				DN04012D	12	4	12
				DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
20~6	EPK116VN-XXP	115	13	DN16012D	6	16	12
	EPK116VS-XXP	115	13	DN10012D	8	10	12
	ESK116R-XXPAM	116	11	DN06012D	10	6	12
	ESK116V-XXP	116	11	DN04012D	12	4	12
				DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
20~2	ESK150V-XXP	115	19	DN25018D	4	25	18
	ESK150VM-XXP	115	19	DN16018D	6	16	18
				DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18
				DN01518D	16	1.5	18

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
18~8	EPK635VN-XXP	113	10~11	DN04012D	12	4	12
				DN02510D	14	2.5	10
				DN01510D	16	1.5	10
				DN01010D	18	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
16~2/0	ESK175V-XXP	116	19~21	DN50020D	1	50	20
	ESK175VM-XXP	116	19~21	DN35018D	2	35	18
				DN25018D	4	25	18
				DN16018D	6	16	18
				DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18
				DN01518D	16	1.5	18
6~3/0	ESK200VM-XXP	116	25~26	DN95025D	3/0	95	25
				DN70021D	2/0	70	21
				DN50025D	1	50	25
				DN35025D	2	35	25
				DN25022D	4	25	22
				DN16018D	6	16	18

Wire Ferrules

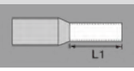
Spring clamp connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
28~20	WKA250A-XXP	119	6	DN01006D	/	1	6
	WKA254A-XXP	120	6	DN00706D	18	0.75	6
	WKV250A-XXP	120	6	DN00506D	20	0.5	6
	WKV254A-XXP	120	6	DN00306D	22	0.34	6
				DN00206D	24	0.25	6
28~12	W3K500-XXP	120	7	DN01508D	16	1.5	8
	W3K508-XXP	120	7	DN01006D	/	1	6
	W4K500-XXP	120	7	DN00706D	18	0.75	6
	W4K508-XXP	120	7	DN00506D	20	0.5	6
	WKA500-XXP	119	6	DN00306D	22	0.34	6
	WKA500-XXPL	119	6	DN00206D	24	0.25	6
	WKA508-XXP	119	6				
	WKK500-XXP	120	7				
	WKK508-XXP	120	7				
28~12	WSKA500S-XXP	119	11	DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
26~10 (Str)	WSKA750S-XXP	120	14~15	DN04012D	12	4	12
				DN02512D	14	2.5	12
				DN01512D	16	1.5	12
				DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
24~16	WKA50B-XXP	119	10	DN01012D	/	1	12
				DN00712D	18	0.75	12
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~6	WSKA100-XXP	120	15	DN10018D	8	10	18
				DN06018D	10	6	18
				DN04018D	12	4	18
				DN02518D	14	2.5	18
				DN01518D	16	1.5	18

I/O enclosure terminal blocks

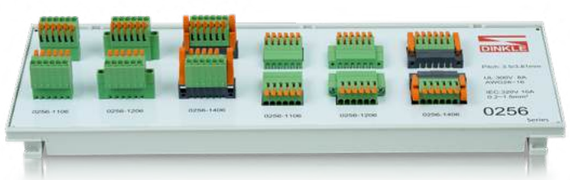


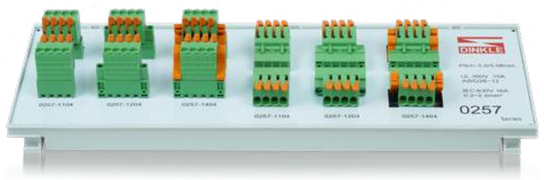
Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
30~12	7ES-3PL	131	8	DN02508D	14	2.5	8
	7ES-3PR	131	8	DN01508D	16	1.5	8
				DN01008D	/	1	8
				DN00708D	18	0.75	8
				DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	0171-10XX	128	8	DN01008D	/	1	8
	0171-11XX	128	8	DN00708D	18	0.75	8
	0171-60XX	128	8	DN00508D	20	0.5	8
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
28~16	0228-21XX	128	9	DN01010D	/	1	10
	0228-22XX	128	9	DN00710D	18	0.75	10
	0228-23XX	128	9	DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8
24~12	0171-20XX	128	10	DN01510D	16	1.5	10
	0171-21XX	128	10	DN01010D	/	1	10
				DN00710D	18	0.75	10
				DN00510D	20	0.5	10
				DN00308D	22	0.34	8
				DN00208D	24	0.25	8

Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm²	L1
24~12	0189-202PL	129	11	DN02510D	14	2.5	10
	0189-203PL	129	11	DN01510D	16	1.5	10
	0189-204PL	129	11	DN01010D	/	1	10
	0189-212PL	129	11	DN00710D	18	0.75	10
	0189-213PL	129	11	DN00508D	20	0.5	8
	0189-214PL	129	11	DN00308D	22	0.34	8
	0189-202PR	130	11	DN00208D	24	0.25	8
	0189-203PR	130	11				
	0189-204PR	130	11				
	0189-212PR	130	11				
	0189-213PR	130	11				
	0189-214PR	130	11				
22~14	5ES-2PL	129	8	DN02508D	14	2.5	8
	5ES-3PL	129	8	DN01508D	16	1.5	8
	5ES-4PL	129	8	DN01008D	/	1	8
	5ES-2PR	130	8	DN00708D	18	0.75	8
	5ES-3PR	130	8	DN00508D	20	0.5	8
	5ES-4PR	130	8	DN00308D	22	0.34	8
				DN00208D	24	0.25	8

P-LUP Family
PCB Connectors & PCB Terminal Blocks

Dinkle new lever up design terminal block, P-LUP family, adopts a new lever up type wiring structure, which brings more convenient operation. The 0290 series PCB terminal block and the 0256 and 0257 series PCB connectors optimize levers' operability and maintain the high reliability of push-in connections. The new P-LUP family of products uses push-in connection method with lever-up lever to make wring task faster and easier than ever, up to 2 AWG (35 mm²) and electrical specifications from 300V/10A~600V/101A (UL). We will continue to develop P-LUP family to meet the diverse needs of industrial wiring.





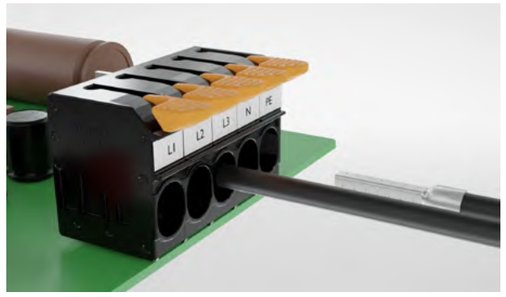
Product Features:

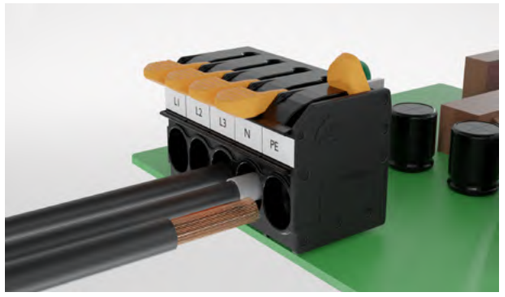
1. Perfect operating experience

The lever up type product is ergonomically designed for simple and time-saving operation and quick wiring, providing a high reliability connection and ensuring the overall efficient operation of the system.

2. Tool-free & push-in (PID) connection

The lever up type push-in design connection can easily insert the solid wire or the ferruled stranded wire without any tool to save wiring time, and easy to release the conductors by the lever-up lever without tool.





Highlights

0290-43XX

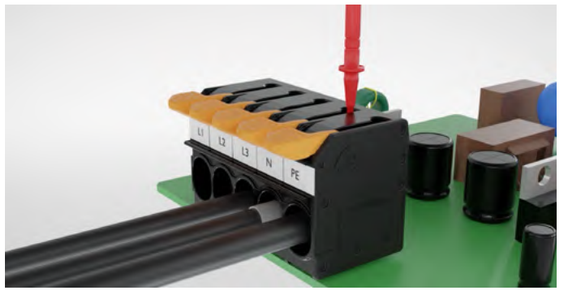
0290-51XX

0290-11XX

0290-21XX

0290-32XX

0290-42XX

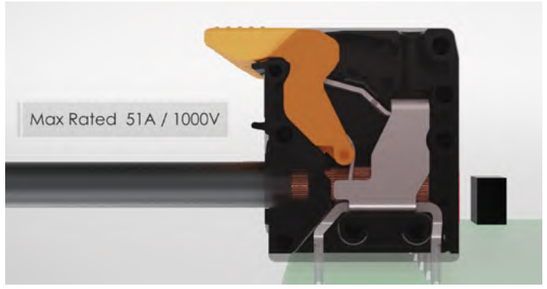


3. Test hole for continuity confirmation

P-LUP series are designed with electrical testing holes, which is convenient for users to check the continuity.

4. Excellent contact stability

Push-in connection technology makes the conductors of solid wires and ferruled wires can be easily inserted into the clamp. Lever up type design ensures reliable contact and long-term stability of inserted conductors. Dual solder pins bring a steadily soldering on the PCB.



5. Simple and clear marking system

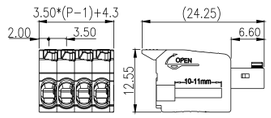
With D-Thermo marking system and the latest flat marking plate, the design of the marking area of the terminal block can be marked by label strip at one time, which is easy to mark and easy to identify.

* For D-Thermo marking system, please refer to Dinkle catalogue DC-34

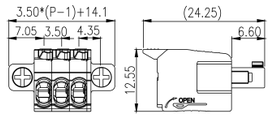
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5kV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

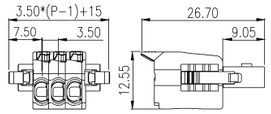
0256-11XX



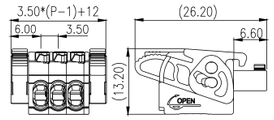
0256-12XX



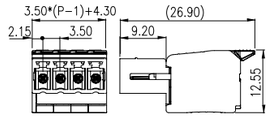
0256-13XX



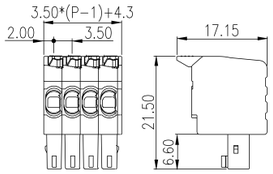
0256-14XX



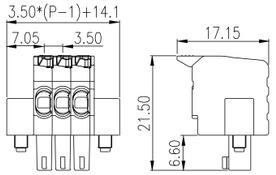
0218-21XX



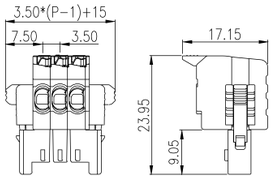
0256-21XX



0256-22XX



0256-23XX



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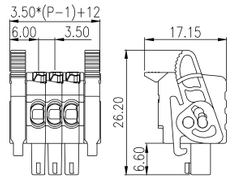

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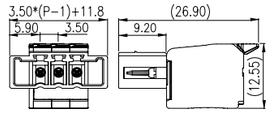

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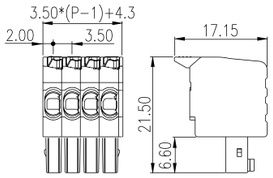

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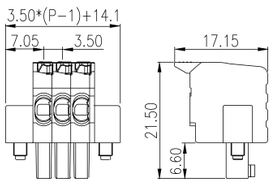

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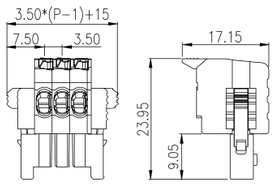

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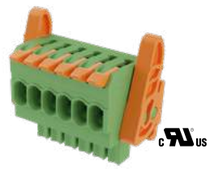

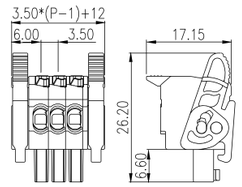

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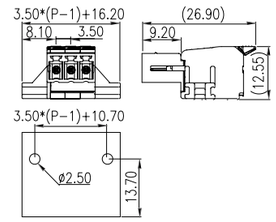
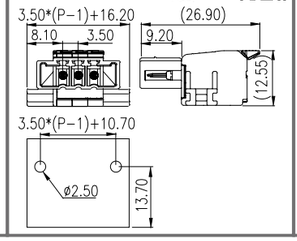


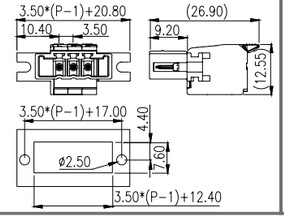
Socket		Socket		Socket	
ECH350V-XXP	P69	ECH350VM-XXP	P32	ECH350VJ-XXP	P32
ECH350V-XXPL	P69	ECH350VM-XXPL	P32	ECH350VJ-XXPL	P32
ECH350R-XXP	P69	ECH350RM-XXP	P32	ECH350RJ-XXP	P32
ECH350R-XXPL	P69	ECH350RM-XXPL	P32	ECH350RJ-XXPL	P32
Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.	

Socket	
ECH350VD-XXP	P69
ECH350RD-XXP	P69
ECH350VM-XXPL	P32
ECH350RM-XXPL	P32
Please refer to the related page number for the compatible headers.	

0218-27XX



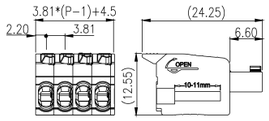
0218-2GXX



3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0256-61XX



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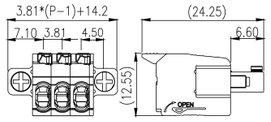

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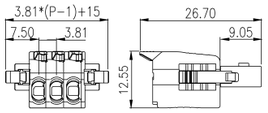

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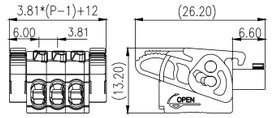

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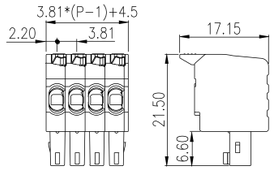

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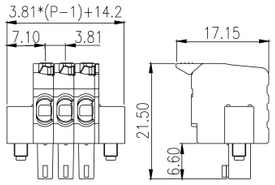
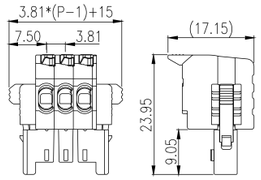
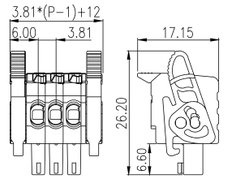


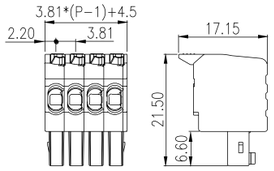
0256-73XX



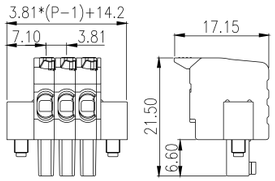
0256-74XX



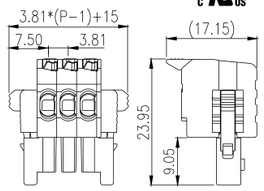
0256-81XX



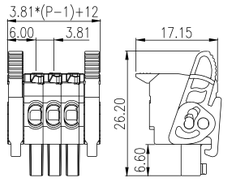
0256-82XX



0256-83XX



0256-84XX



Socket

ECH381V-XXP	P71
ECH381V-XXPL	P71
ECH381R-XXP	P71
ECH381R-XXPL	P71

Please refer to the related page number for the compatible headers.

Socket

ECH381VM-XXP	P71
ECH381VM-XXPL	P71
ECH381RM-XXP	P71
ECH381RM-XXPL	P71

Please refer to the related page number for the compatible headers.

Socket

ECH381RJ-XXP	P33
ECH381RJ-XXPL	P33
ECH381VJ-XXP	P33
ECH381VJ-XXPL	P33

Please refer to the related page number for the compatible headers.

Socket

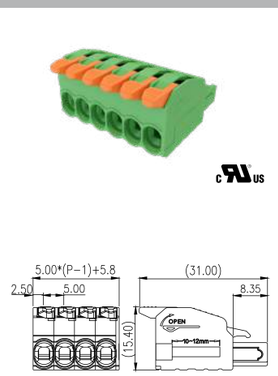
ECH381VD-XXP	P71
ECH381RD-XXP	P71
ECH381VM-XXPL	P71
ECH381RM-XXPL	P71

Please refer to the related page number for the compatible headers.

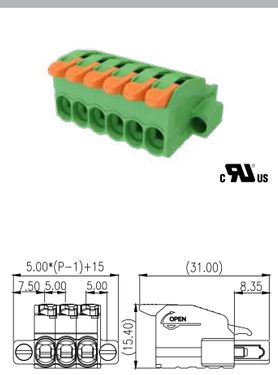
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	16A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

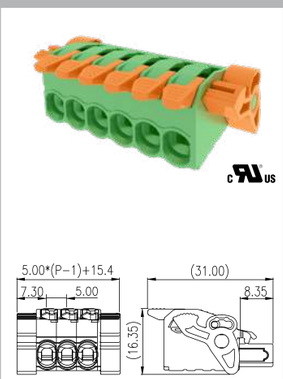
0257-11XX



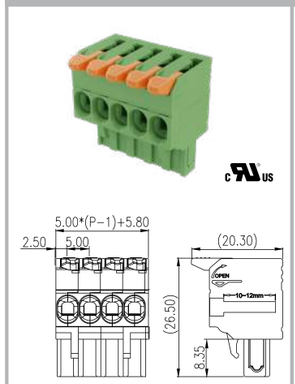
0257-12XX



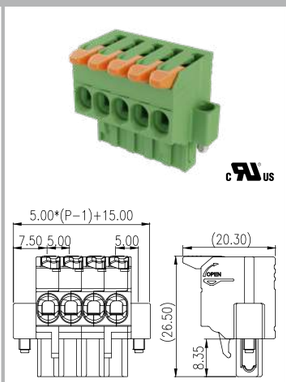
0257-14XX



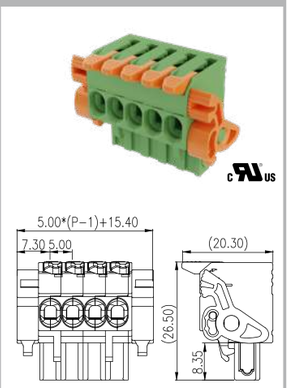
0257-21XX



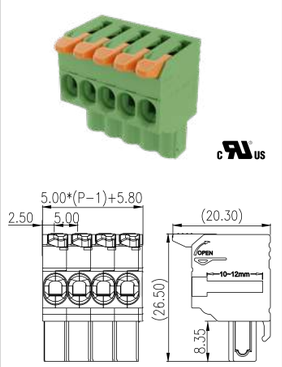
0257-22XX



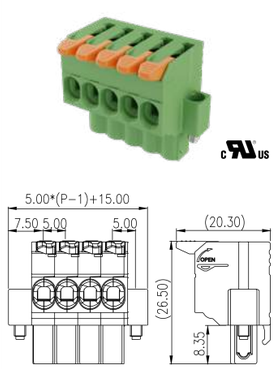
0257-24XX



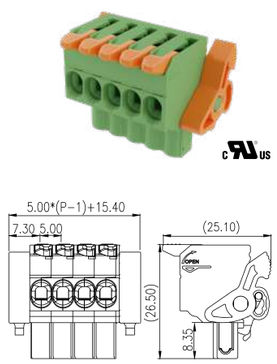
0257-31XX



0257-32XX



0257-34XX

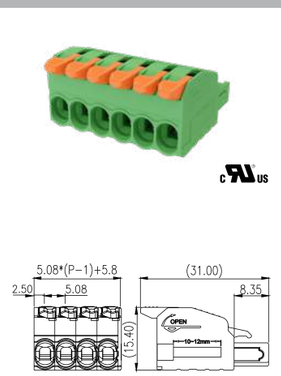


Socket		Socket		Socket	
5EHDVC-XXP	P73	**5EHDVM-XXP**	P74	**5EHDVG-XXP**	P74
5EHDVC-XXPL	P73	**5EHDVM-XXPL**	P74	**5EHDRG-XXP**	P74
5EHDRC-XXP	P73	**5EHDRM-XXP**	P74	**5EHDVM-XXPL**	P74
5EHDRC-XXPL	P73	**5EHDRM-XXPL**	P74	**5EHDRM-XXPL**	P74
Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.	

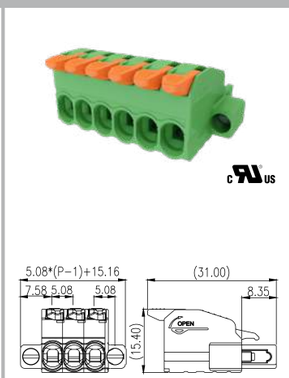
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	16A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

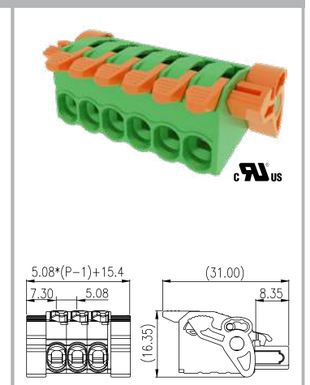
0257-61XX



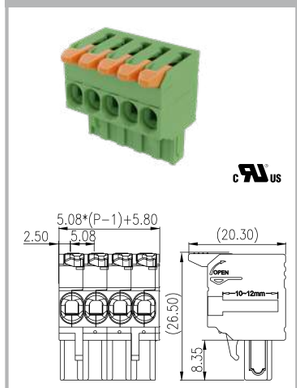
0257-62XX



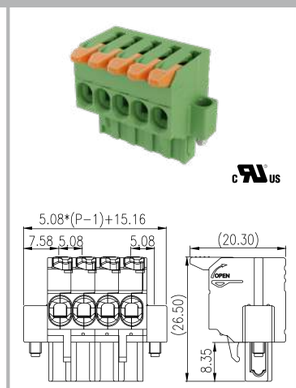
0257-64XX



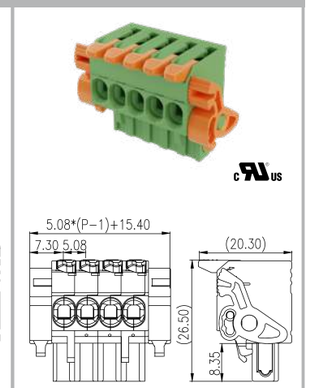
0257-71XX



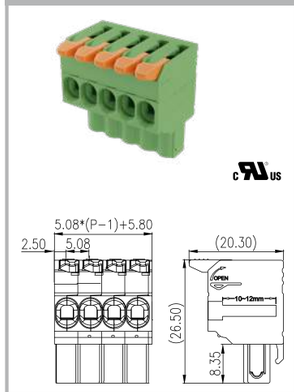
0257-72XX



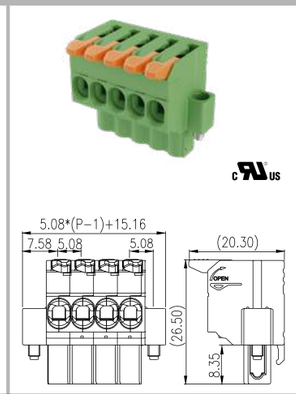
0257-74XX



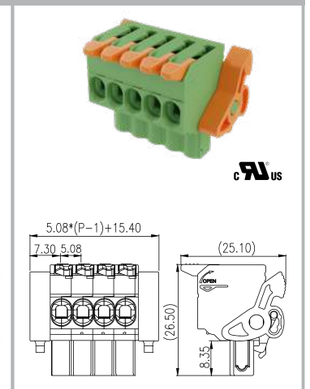
0257-81XX



0257-82XX

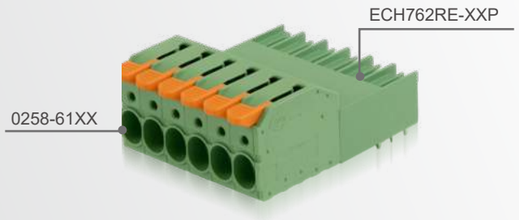


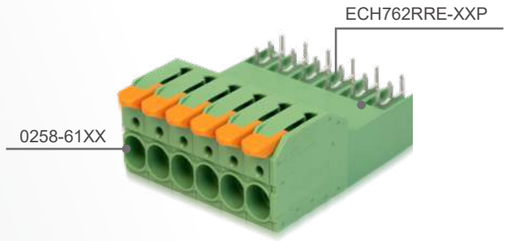
0257-84XX



Socket		Socket		Socket	
2EHDVC-XXP	P76	**2EHDVM-XXP**	P76	**2EHDVG-XXP**	P75
2EHDVC-XXPL	P76	**2EHDVM-XXPL**	P76	**2EHDRG-XXP**	P75
2EHDRC-XXP	P76	**2EHDRM-XXP**	P76	**2EHDVM-XXPL**	P76
2EHDRC-XXPL	P76	**2EHDRM-XXPL**	P76	**2EHDRM-XXPL**	P76
Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.	

P-LUP Plug & Sockets

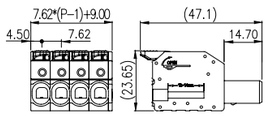




7.62mm — 0258-61XX

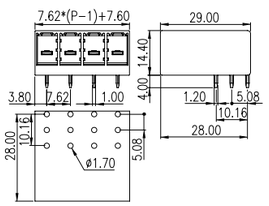
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	35A	41A
Solid (AWG/mm²)	20~8	0.2~10
Flexible (AWG/mm²)	20~8	0.2~6
Rated impulse voltage		8KV
Wire strip length	12~14mm	
Number of Positions		
02~12P		

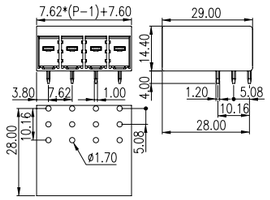
600V



7.62mm — ECH762RE-XXP / ECH762RRE-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	35A	41A
Rated impulse voltage		8KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	





P-LUP family

The lever-type handle is designed in accordance with ergonomic principles, ensuring a comfortable grip and ease of use.
This thoughtful design not only enhances operational efficiency but also enables users to perform wiring tasks swiftly and accurately, significantly reducing installation time.

0275 & 0290 Series

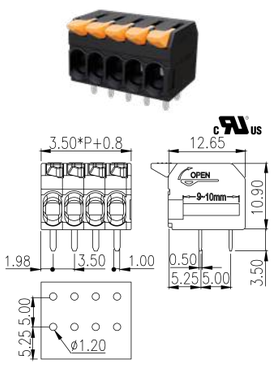
Connection method: Push-in connection
Pitch: 3.50mm / 5.00mm / 7.50mm / 10.00mm / 14.50mm / 15.00mm
UL Rated Voltage: 300V ~ 1000V
UL Rated Current: 10 ~ 101A
IEC Rated Voltage: 160V ~ 1000V
IEC Rated Current: 17.5A ~ 125A

- P-LUP features a new lever up wiring structure for easier operation
- The PCB terminal block optimizes the operability of the lever up handle and maintains a high-reliability push-in connection.
- Lever up PID connection makes the conductor be inserted into the terminal block without ferrules to implement reality tool free operation
- 0290 & 0275 Series are Equipped with test holes for users to check the continuity easily
- Suitable for charging piles and power transmission

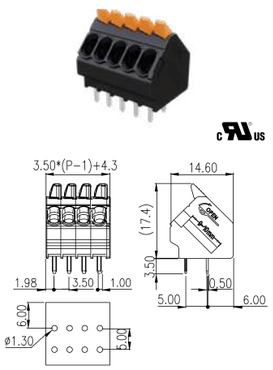
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	10A	17.5A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

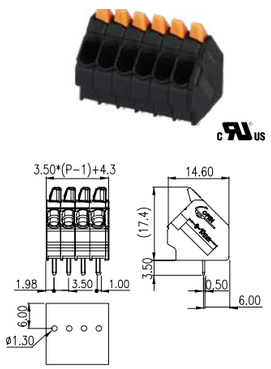
0290-11XX



0275-11XX



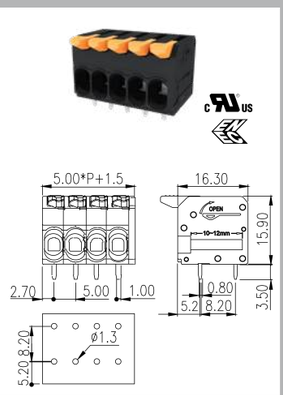
0275-11XXY5



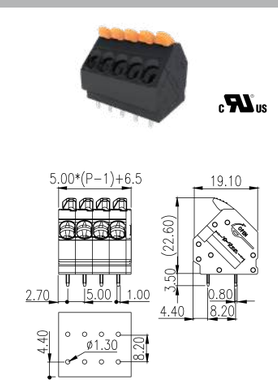
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	32A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~4
Rated impulse voltage		4KV
Wire strip length	10~12mm	
Number of Positions		
02~12P		

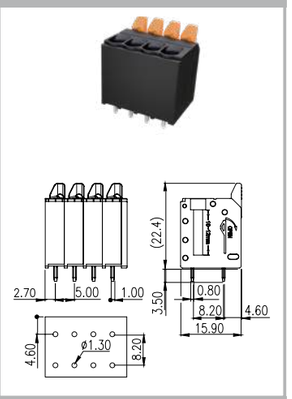
0290-21XX



0275-21XX



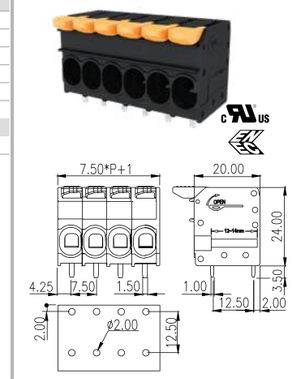
0276-21XX



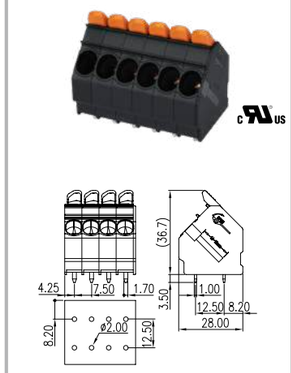
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	32A	41A
Solid (AWG/mm²)	24~8	0.2~6
Flexible (AWG/mm²)	24~8	0.2~6
Rated impulse voltage		6KV
Wire strip length	12~14mm	
Number of Positions		
02~12P		

0290-31XX



0275-31XX

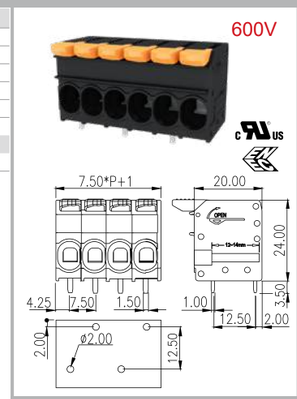


7.50mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	32A	41A
Solid (AWG/mm²)	24~8	0.2~6
Flexible (AWG/mm²)	24~8	0.2~6
Rated impulse voltage		8KV
Wire strip length	12~14mm	
Number of Positions		
02~12P		

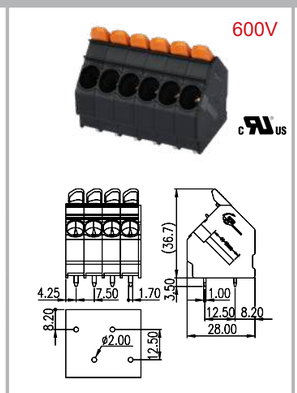
0290-32XX

600V



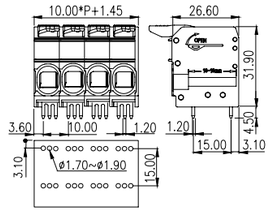
0275-32XX

600V



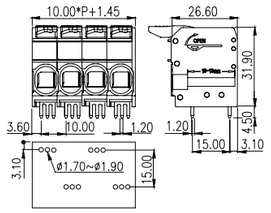
10.00mm 0290-41XXYB

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	66A	76A
Solid (AWG/mm²)	18~4	0.75~16
Flexible (AWG/mm²)	18~4	0.75~16
Rated impulse voltage		4KV
Wire strip length	18~19mm	
Number of Positions		
02~12P		



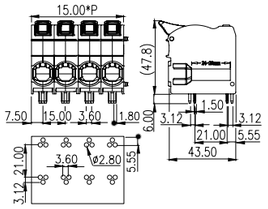
10.00mm 0290-42XXYD

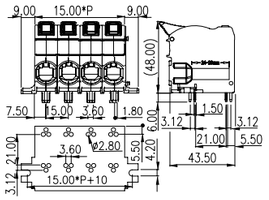
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	66A	76A
Solid (AWG/mm²)	18~4	0.75~16
Flexible (AWG/mm²)	18~4	0.75~16
Rated impulse voltage		4KV
Wire strip length	18~19mm	
Number of Positions		
02~12P		



15.00mm 0290-51XX 0290-51XXM

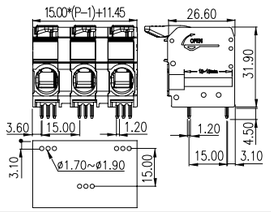
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	101A	125A
Solid (AWG/mm²)	14~2	2.5~35
Flexible (AWG/mm²)	14~2	2.5~35
Rated impulse voltage		8KV
Wire strip length	24~26mm	
Number of Positions		
01~06P		





15.00mm 0290-42XXP3YD

Technical Data	UL	IEC
Rated voltage	1000V	1000V
Rated current	72A	76A
Solid (AWG/mm²)	18~4	0.75~16
Flexible (AWG/mm²)	18~4	0.75~16
Rated impulse voltage		4KV
Wire strip length	18~19mm	
Number of Positions		
02~12P		



DINKLE Delight Through Connections

PID (Push-In Design) Plugs & Sockets

Connection technology- push-in design connection, for easy and flexible conductor connection

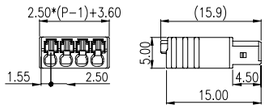
Connection method: Push-in design
Pitch: 2.50mm / 2.54mm / 3.50mm
UL Rated: 150V / 5A, 150V / 8A, 300V / 8A
IEC Rated: 250V / 8A, 320V / 6A, 320V / 8A, 320V / 10A

- Vertical and parallel plug-in directions to PCB are available
- Compact double-level plug for high connection density
- Type of locking includes screw flange, lock flange and release tool
- THR version socket is available, pin length 2.6mm
  (The last suffix "L" represents THR version.)

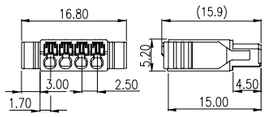
2.50mm

0288-1AXX

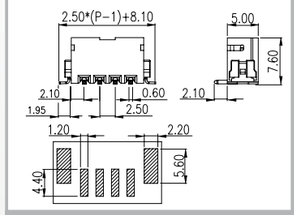
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	6A	6A
Solid (AWG/mm²)	26~18	0.14~0.5
Flexible (AWG/mm²)	26~18	0.2~0.5
Rated impulse voltage		2.5kV
Wire strip length	7~8	
Number of Positions		
02~12P		



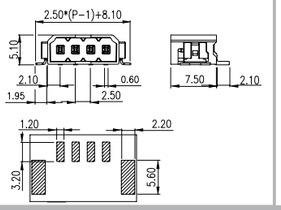
0288-1DXX



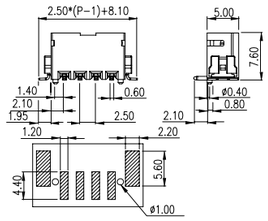
0288-6AXXSMDWR



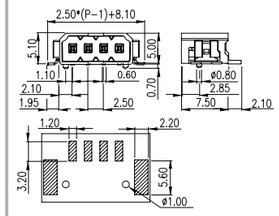
0288-6BXXSMDWR



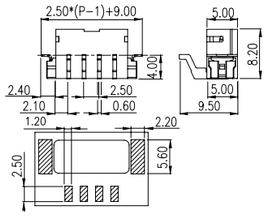
0288-8AXXSMDWR



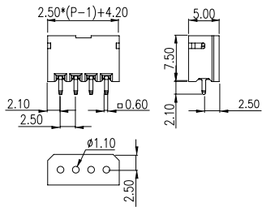
0288-8BXXSMDWR



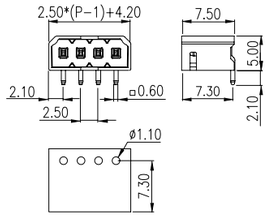
0288-9AXXSMDWR



0288-6AXXLWR



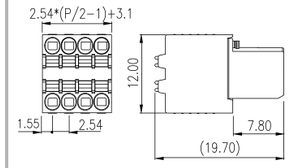
0288-6BXXLWR



2.54mm

0156-1BXX-BK

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	5A	6A
Solid (AWG/mm²)	30~20	0.2~0.5
Flexible (AWG/mm²)	30~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	7~8mm	
Number of Positions		
06~44P		

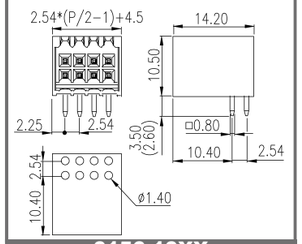


0156-15XX (0156-15XXL)

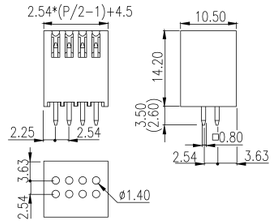
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	5A	6A
Rated impulse voltage		2.5KV
Number of Positions		
06~44P		

For THR products,
Surge voltage category/pollution degree
III/2 II/2

Rated voltage
160 160



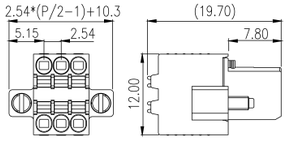
0156-10XX (0156-10XXL)



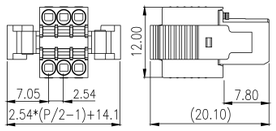
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	5A	6A
Solid (AWG/mm²)	30~20	0.2~0.5
Flexible (AWG/mm²)	30~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	7~8mm	
Number of Positions		
0156-1AXX-BK	04~44P	
0156-1DXX-BK		
0156-1CXX-BK	06~44P	

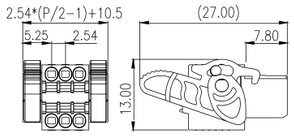
0156-1AXX-BK



0156-1CXX-BK



0156-1DXX-BK



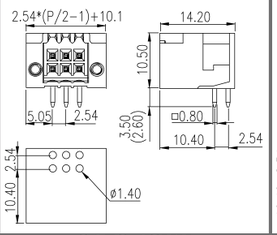
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	5A	6A
Rated impulse voltage		2.5KV
Number of Positions		
0156-13XX	04~44P	
0156-13XXL		
0156-18XX		
0156-18XXL		
0156-12XX	06~44P	
0156-12XXL		
0156-16XX		
0156-16XXL		
0156-17XX		
0156-17XXL		
0156-19XX		
0156-19XXL		

For THR products,
Surge voltage category/pollution degree
III/2 II/2

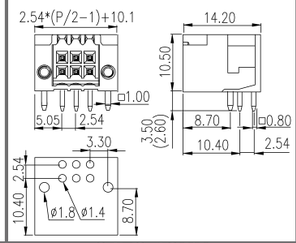
Rated voltage
160 160

0156-17XX (0156-17XXL)

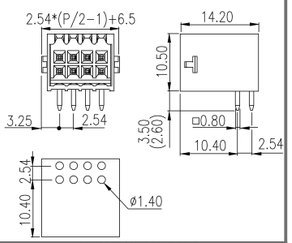


0156-18XX (0156-18XXL)

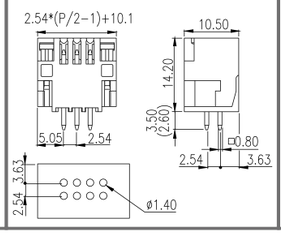
with support pins



0156-19XX (0156-19XXL)

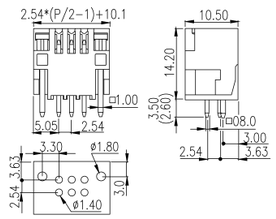


0156-12XX (0156-12XXL)

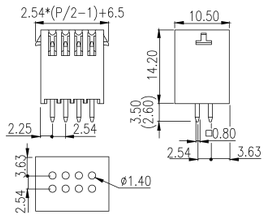


0156-13XX (0156-13XXL)

with support pins



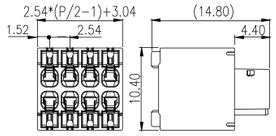
0156-16XX (0156-16XXL)



2.54mm

Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	6A	6A
Solid (AWG/mm²)	26~18	0.2~0.5
Flexible (AWG/mm²)	26~18	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	7~8mm	
Number of Positions		
04~32P		

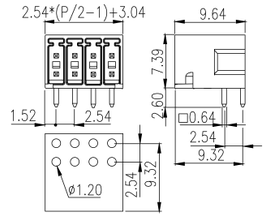
0157-1BXX



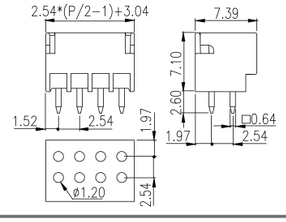
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	6A	6A
Rated impulse voltage		2.5KV
Number of Positions		
04~32P		

0157-15XXL



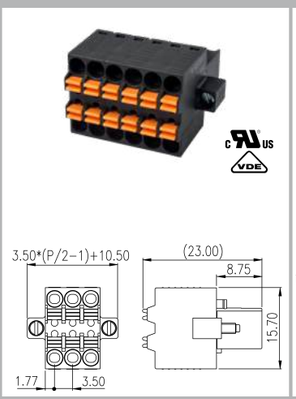
0157-10XXL



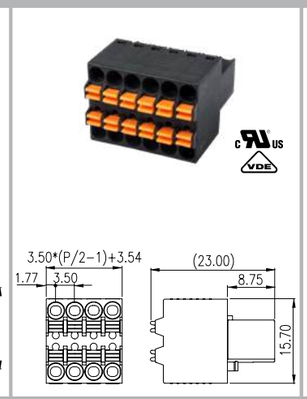
3.50mm

Technical Data	UL	IEC
Rated voltage		
0156-2AXX-BK	150V	320V
0156-2BXX-BK		
0156-2CXX-BK		
0156-2DXX-BK		
0156-9BXX	300V	
0156-9CXX		
Rated current		
0156-2AXX-BK	8A	10A
0156-2BXX-BK		
0156-2CXX-BK		
0156-2DXX-BK		
0156-9BXX	10A	
0156-9CXX		
Solid (AWG/mm²)	28~16	0.2~1.0
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
0156-2AXX-BK	04~40P	
0156-2CXX-BK		
0156-2DXX-BK		
0156-9CXX		
0156-2BXX-BK	04~44P	
0156-9BXX		

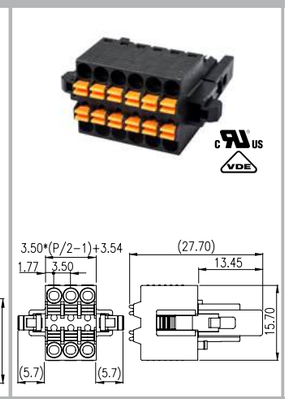
0156-2AXX-BK



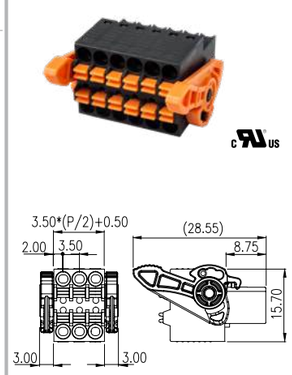
0156-2BXX-BK



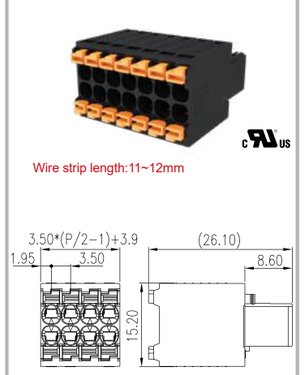
0156-2CXX-BK



0156-2DXX-BK

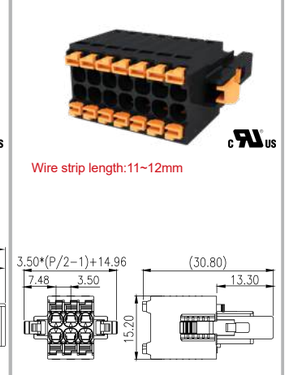


0156-9BXX



Wire strip length:11~12mm

0156-9CXX

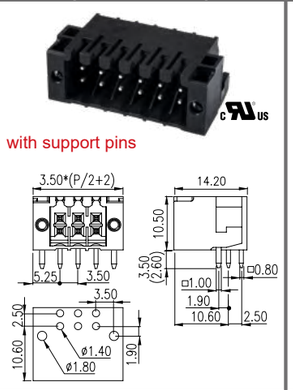


Wire strip length:11~12mm

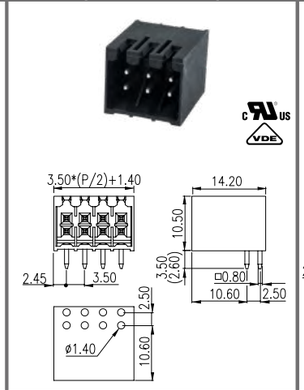
3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	10A	10A
Rated impulse voltage		2.5KV
Number of Positions		
0156-21XX-BK	04~40P	
0156-21XXL		
0156-24XX-BK		
0156-24XXL		
0156-26XX-BK		
0156-26XXL		
0156-29XX-BK		
0156-29XXL		
0156-20XX-BK	04~44P	
0156-20XXL		
0156-25XX-BK		
0156-25XXL		

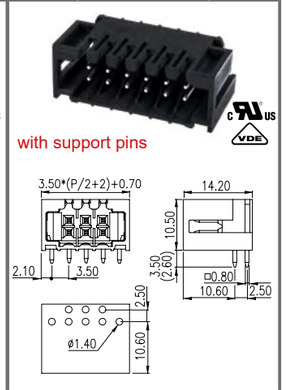
0156-26XX-BK (0156-26XXL)



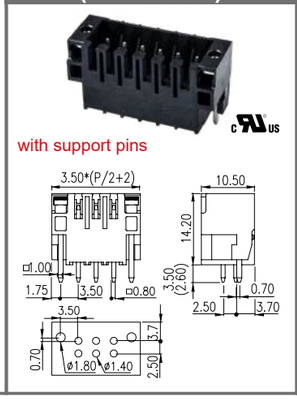
0156-25XX-BK (0156-25XXL)



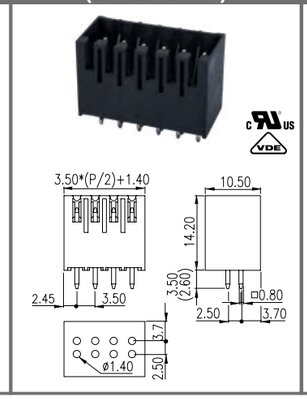
0156-29XX-BK (0156-29XXL)



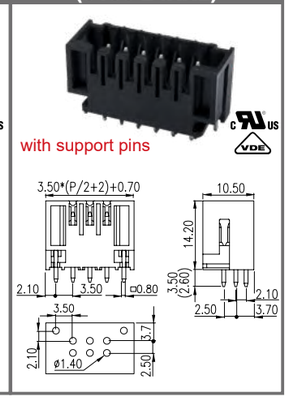
0156-21XX-BK (0156-21XXL)



0156-20XX-BK (0156-20XXL)



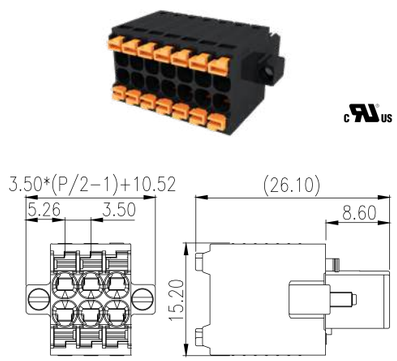
0156-24XX-BK (0156-24XXL)



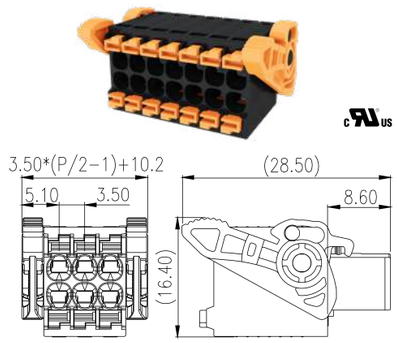
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	11~12mm	
Number of Positions		
04~40P		

0156-9AXX



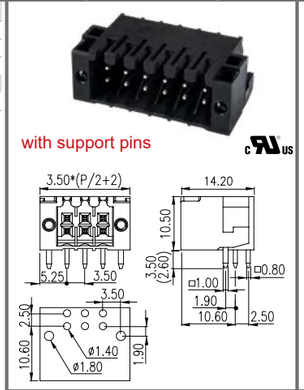
0156-9DXX



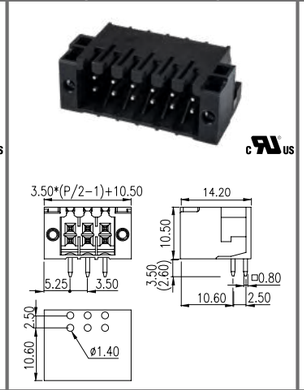
3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	10A	10A
Rated impulse voltage		2.5KV
Number of Positions		
04~40P		

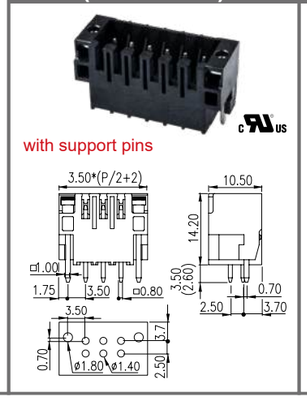
0156-26XX-BK (0156-26XXL)



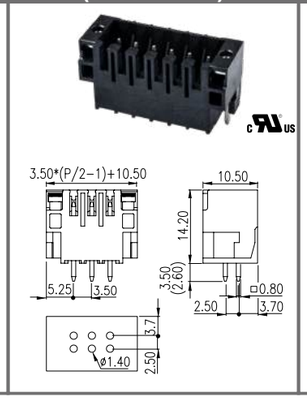
0156-27XX-BK (0156-27XXL)



0156-21XX-BK (0156-21XXL)



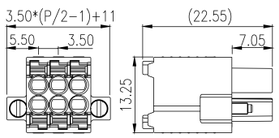
0156-22XX-BK (0156-22XXL)



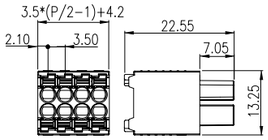
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
04~40P		

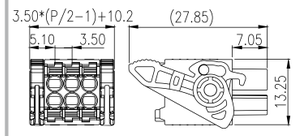
0159-01XX



0159-03XX



0159-04XX

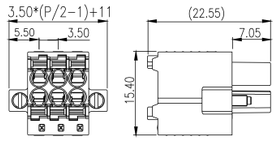


3.50mm

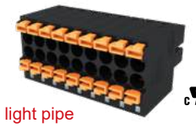
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
0159-07XX	8A	8A
Number of Positions		
04~40P		

0159-05XX

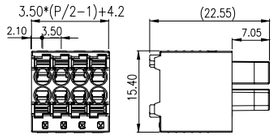
with light pipe



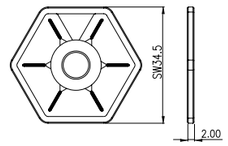
0159-07XX



with light pipe

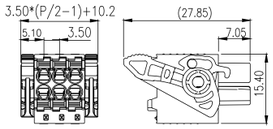


0159K1L



0159-08XX

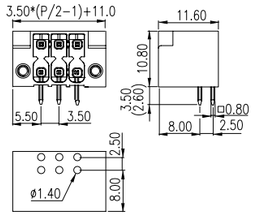
with light pipe



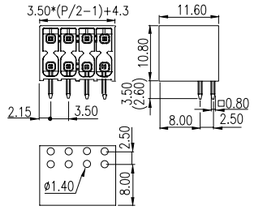
3.50mm

Technical Data	UL	IEC
Rated voltage	8A	320V
Rated current	8A	8A
Rated impulse voltage		2.5KV
Number of Positions		
04~40P		

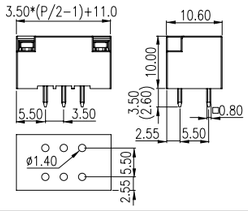
0159-11XX (0159-11XXL)



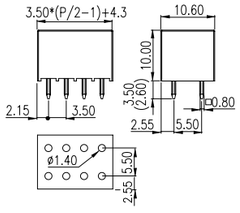
0159-31XX (0159-31XXL)



0159-12XX (0159-12XXL)



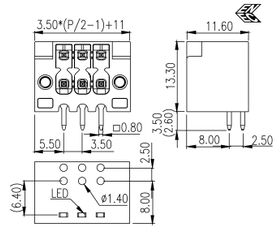
0159-32XX (0159-32XXL)



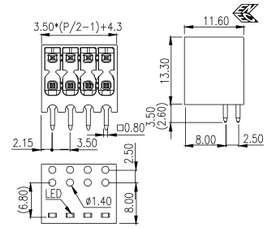
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage		2.5KV
Number of Positions		
04~40P		

0159-13XX (0159-13XXL)



0159-33XX (0159-33XXL)



PID Plugs & Sockets - Slim Type

Connection method: Push-in connection
Pitch: 3.50mm / 5.00mm / 5.08mm
UL Rated: 300V / 8A ~ 300V / 15A
IEC Rated: 320V / 14A ~ 600V / 18A

- Double-level plug and socket
- Options with LED light pipe for indication
- Versions with screw flange and lock flange
- THR version socket is available, pin length 2.6mm (The last suffix "L" represents THR version.)

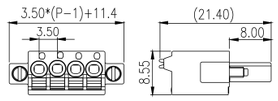
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	8A	15A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

• The product integrates light pipe for better indication

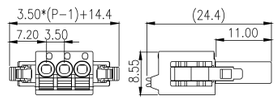
0225-01XX

with light pipe



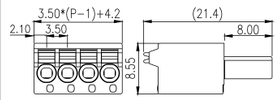
0225-02XX

with light pipe

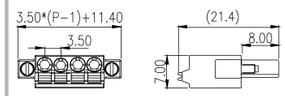


0225-03XX

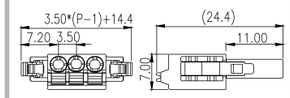
with light pipe



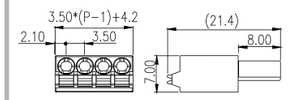
0225-06XX



0225-07XX



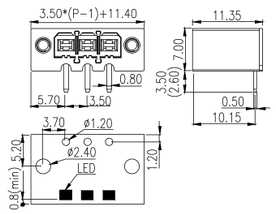
0225-08XX



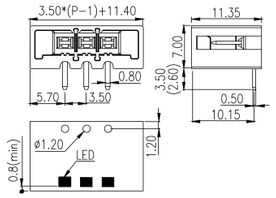
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	8A	15A
Rated impulse voltage		4KV
Number of Positions		
0225-13XX	02~14P	
0225-23XX		
0225-33XX		
0225-13XXL	02~24P	
0225-14XX		
0225-14XXL		
0225-23XXL		
0225-24XX		
0225-24XXL		
0225-33XXL		
0225-34XX		
0225-34XXL		

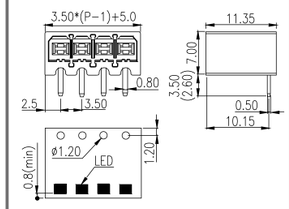
0225-13XX (0225-13XXL)



0225-23XX (0225-23XXL)

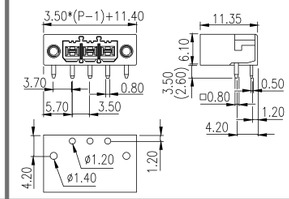


0225-33XX (0225-33XXL)

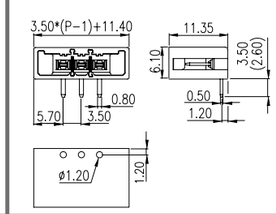


0225-16XX (0225-16XXL)

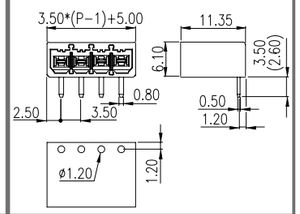
with support pins



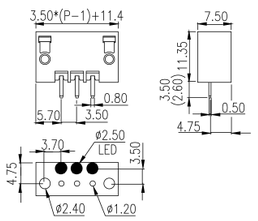
0225-26XX (0225-26XXL)



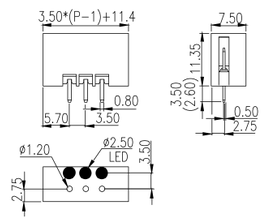
0225-36XX (0225-36XXL)



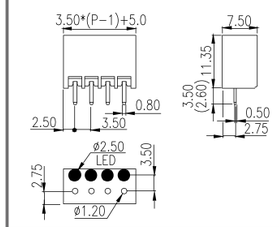
0225-14XX (0225-14XXL)



0225-24XX (0225-24XXL)

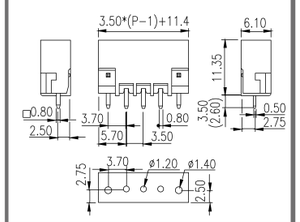


0225-34XX (0225-34XXL)

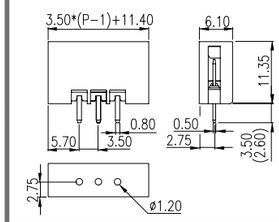


0225-17XX (0225-17XXL)

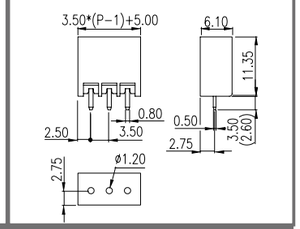
with support pins



0225-27XX (0225-27XXL)

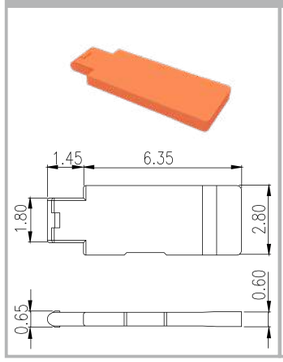


0225-37XX (0225-37XXL)

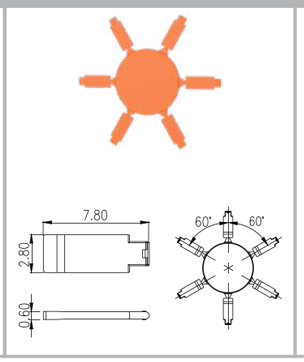


ACCESSORIES

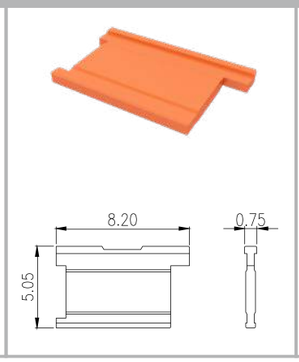
0225K1



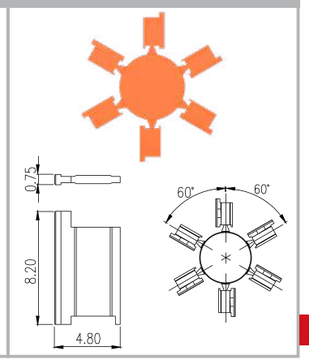
0225K3



0225K2L



0225K4L



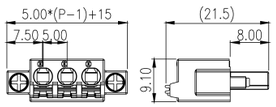
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~16P		
Accessories		
0225K1	P24	
0225K3	P24	

• The product integrates light pipe for better indication

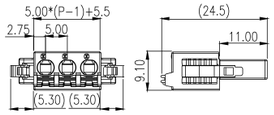
0226-01XX

with light pipe



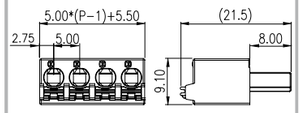
0226-02XX

with light pipe



0226-03XX

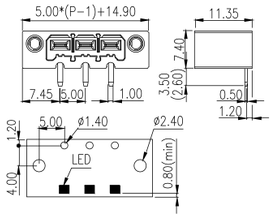
with light pipe



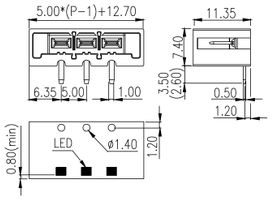
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Rated impulse voltage		4KV
Torque (N-m)		
Number of Positions		
02~16P		
Accessories		
0227K2L	P28	

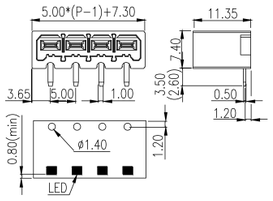
0226-13XX (0226-13XXL)



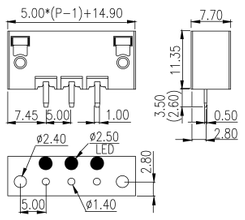
0226-23XX (0226-23XXL)



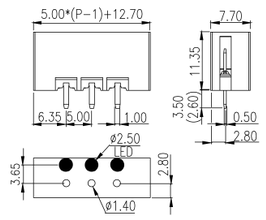
0226-33XX (0226-33XXL)



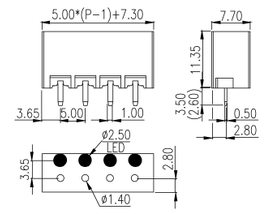
0226-14XX (0226-14XXL)



0226-24XX (0226-24XXL)



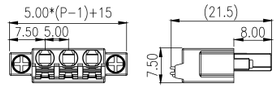
0226-34XX (0226-34XXL)



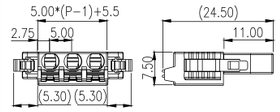
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~16P		
Accessories		
0225K1	P24	
0225K3	P24	

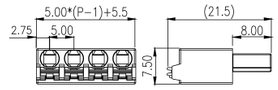
0226-06XX



0226-07XX



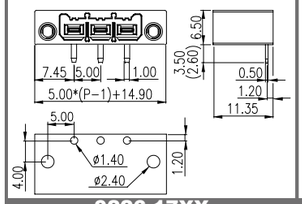
0226-08XX



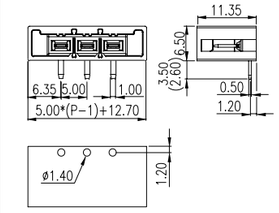
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Rated impulse voltage		4KV
Number of Positions		
02~16P		
Accessories		
0225K2L	P24	
0225K4L	P24	

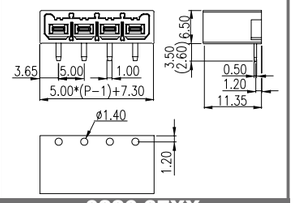
0226-16XX (0226-16XXL)



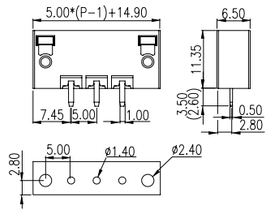
0226-26XX (0226-26XXL)



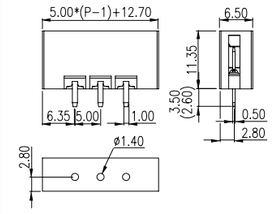
0226-36XX (0226-36XXL)



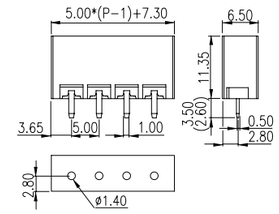
0226-17XX (0226-17XXL)



0226-27XX (0226-27XXL)



0226-37XX (0226-37XXL)

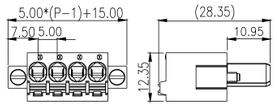


5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
0227-02XX	02~16P	
0227-01XX 0227-03XX 0227-04XX	02~24P	
Accessories		
0227K1	P27	

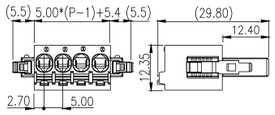
0227-01XX

with light pipe



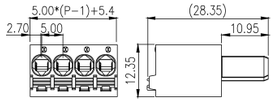
0227-02XX

with light pipe



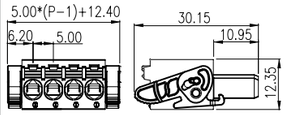
0227-03XX

with light pipe



0227-04XX

with light pipe

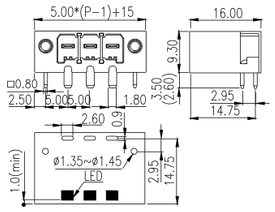


5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
0227-13XX 0227-13XXL 0227-23XX 0227-23XXL 0227-24XX 0227-24XXL 0227-33XX 0227-33XXL	02~16P	
0227-14XX 0227-14XXL 0227-34XX 0227-34XXL	02~24P	
Accessories		
0227K2L	P28	

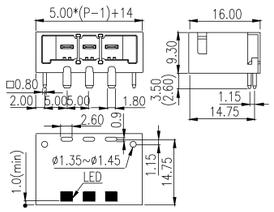
0227-13XX (0227-13XXL)

with support pins



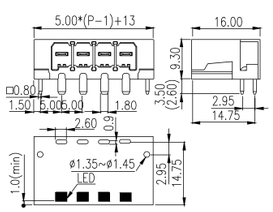
0227-23XX (0227-23XXL)

with support pins

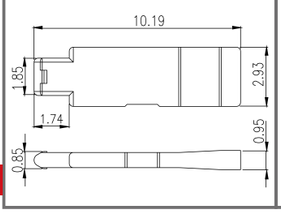


0227-33XX (0227-33XXL)

with support pins

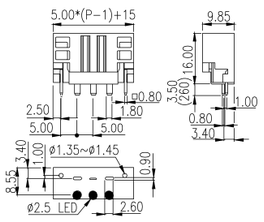


0227K1



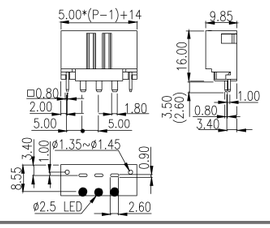
0227-14XX (0227-14XXL)

with support pins



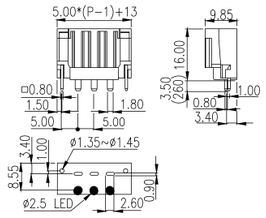
0227-24XX (0227-24XXL)

with support pins



0227-34XX (0227-34XXL)

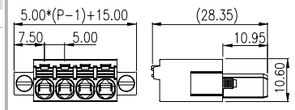
with support pins



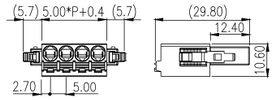
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
0227-07XX	02~16P	
0227-06XX 0227-08XX 0227-09XX	02~24P	
Accessories		
0227K1	P27	

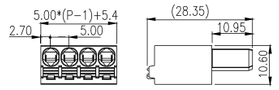
0227-06XX



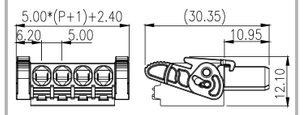
0227-07XX



0227-08XX



0227-09XX

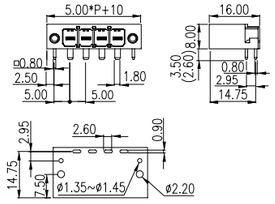


5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
0227-26XX 0227-26XXL 0227-27XX 0227-27XXL	02~16P	
0227-16XX 0227-16XXL 0227-17XX 0227-17XXL 0227-36XX 0227-36XXL 0227-37XX 0227-37XXL	02~24P	
Accessories		
0227K2L	P28	

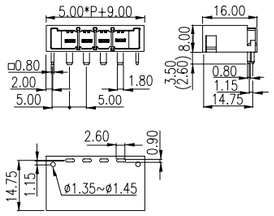
0227-16XX (0227-16XXL)

with support pins



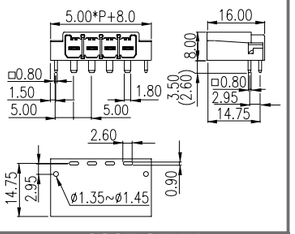
0227-26XX (0227-26XXL)

with support pins

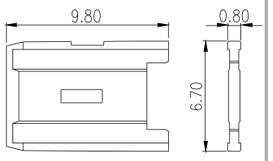


0227-36XX (0227-36XXL)

with support pins

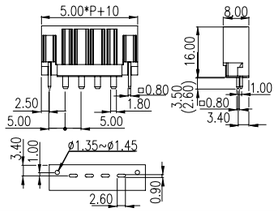


0227K2L



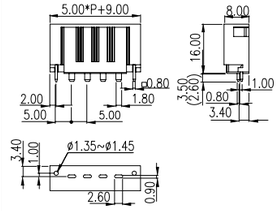
0227-17XX (0227-17XXL)

with support pins



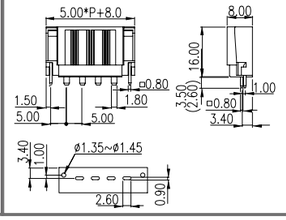
0227-27XX (0227-27XXL)

with support pins



0227-37XX (0227-37XXL)

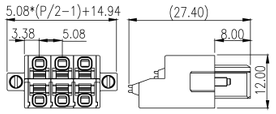
with support pins



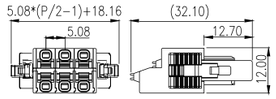
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current		
0225-04XX	8A	14A
0225-05XX		
0225-09XX		
0225-0AXX		
0229-F4XX	12A	
0229-F5XX		
0229-F9XX		
0229-FAXX		
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
0225-04XX	04~40P	
0225-05XX		
0225-09XX		
0225-0AXX		
0229-F4XX		
0229-F5XX		
0229-F9XX		
0229-FAXX		

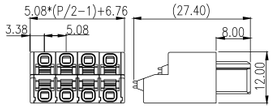
0225-04XX



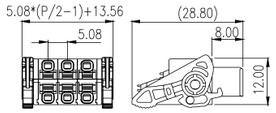
0225-05XX



0225-09XX

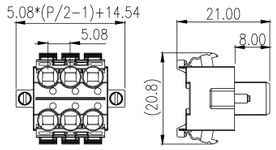


0225-0AXX



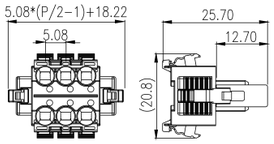
0229-F4XX

with test holes



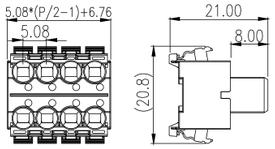
0229-F5XX

with test holes



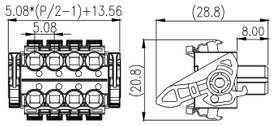
0229-F9XX

with test holes



0229-FAXX

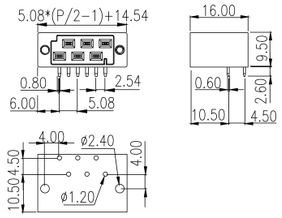
with test holes



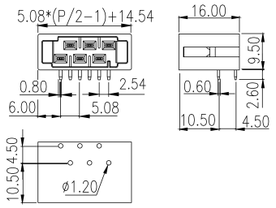
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	12A	14A
Rated impulse voltage		4KV
Number of Positions		
0225-46XX	04~40P	
0225-47XX		
0225-56XX		
0225-57XX		
0225-66XX		
0225-67XX		
0225-76XX		
0225-77XX		

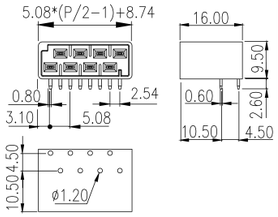
0225-46XX



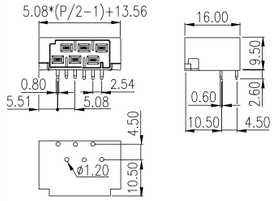
0225-56XX



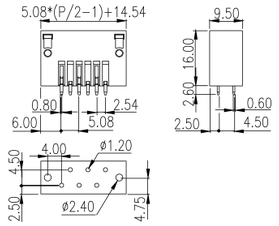
0225-66XX



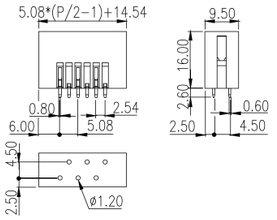
0225-76XX



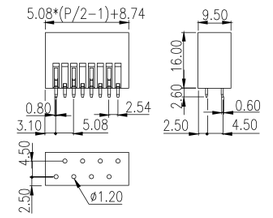
0225-47XX



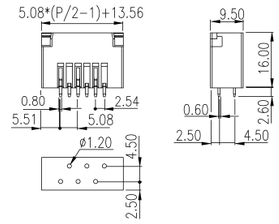
0225-57XX



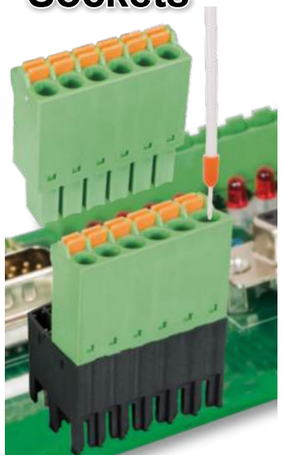
0225-67XX



0225-77XX



PID Plugs & Sockets



Connection method:
Push-in connection

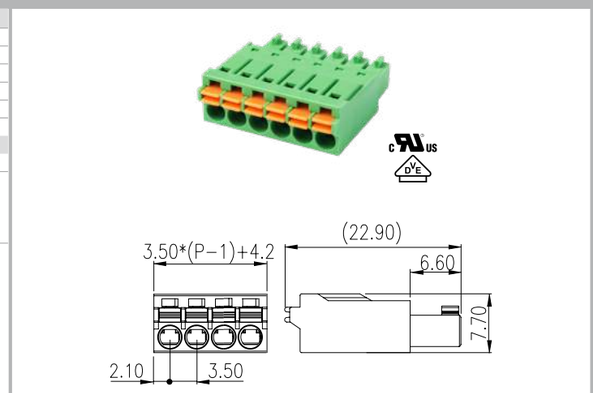
Pitch:
3 .50mm / 3.81mm / 5.00mm / 5.08mm
UL Rated:
300V / 8A ~300V / 10A
IEC Rated:
320V / 8A ~ 600V / 18A

- Push-in connection single level plug, single, double and triple row socket
- Space saving flat design plug, only 7.7mm in height
- With testing hole suitable for 1mm Ø test probe
- The pin length for wave soldering socket is 3.50mm
- Through-hole reflow (THR) version socket is available, standard pin length 2.6mm (The last suffix "L" represents THR version.)

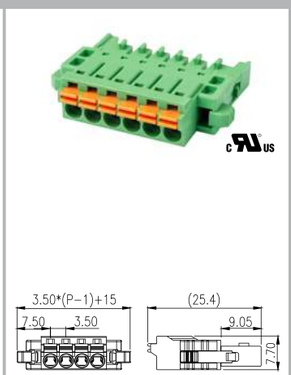
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~10mm	
Number of Positions		
0221-21XX	02~18P	
0221-20XX	02~20P	
0221-24XX		
0221-28XX		
0221-29XX		

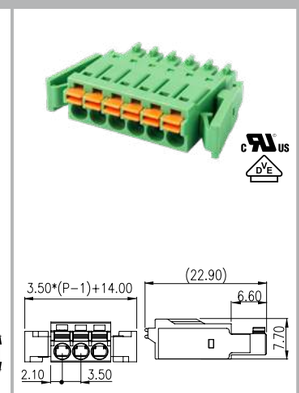
0221-20XX



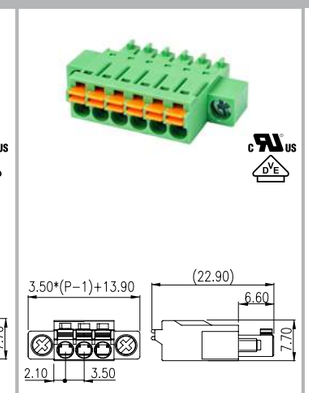
0221-21XX



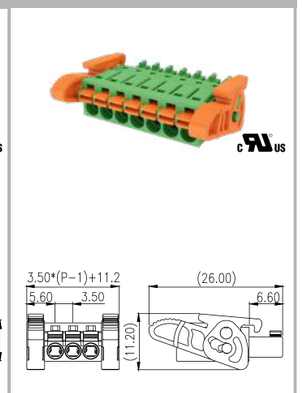
0221-24XX



0221-28XX



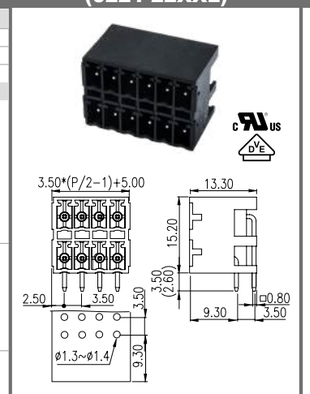
0221-29XX



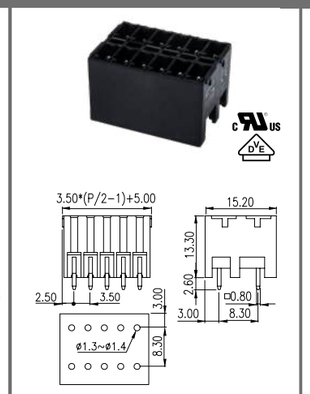
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage		2.5KV
Number of Positions		
ECH350RJ-XXP	02~24P	
ECH350RJ-XXPL		
ECH350VJ-XXP		
ECH350VJ-XXPL		
ECH350VM-XXP		
ECH350VM-XXPL		
ECH350RM-XXP		
ECH350RM-XXPL		
0221-22XX-BK	04~48P	
0221-22XXL		
0221-23XXL		
0221-26XXL		
0221-35XXL		
0221-36XXL		
0221-25XX-BK	06~72P	
0221-25XXL		
0221-27XX-BK		
0221-27XXL		
0221-41XX-BK		
0221-41XXL		
Accessories		
ECHK1	P66	
ECHK1L	P66	

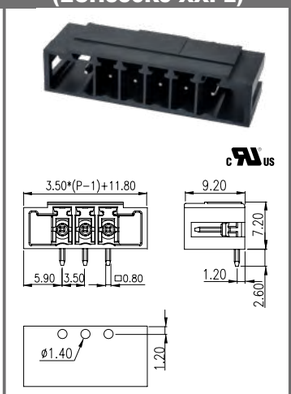
0221-22XX-BK (0221-22XXL)



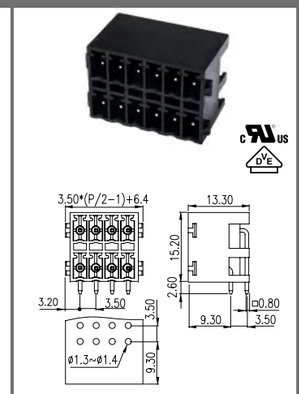
0221-23XXL



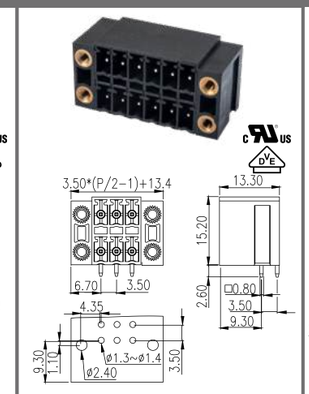
ECH350RJ-XXP (ECH350RJ-XXPL)



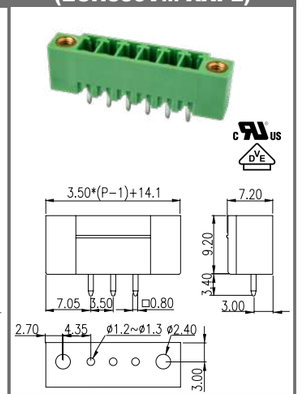
0221-26XXL



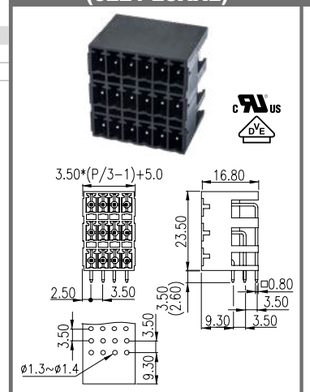
0221-35XXL



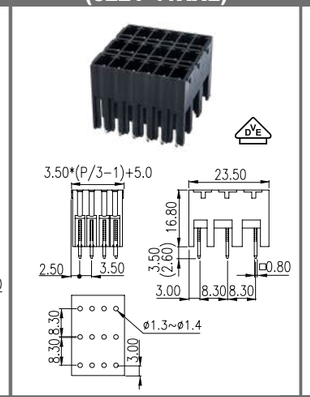
ECH350VM-XXP (ECH350VM-XXPL)



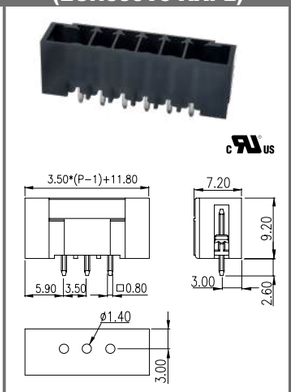
0221-25XX-BK (0221-25XXL)



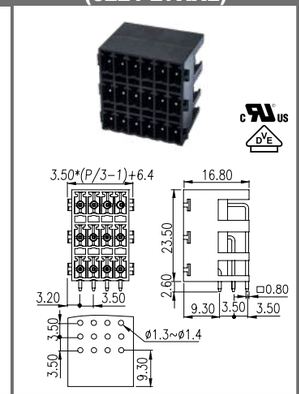
0221-41XX-BK (0221-41XXL)



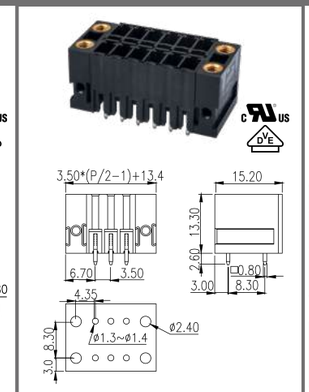
ECH350VJ-XXP (ECH350VJ-XXPL)



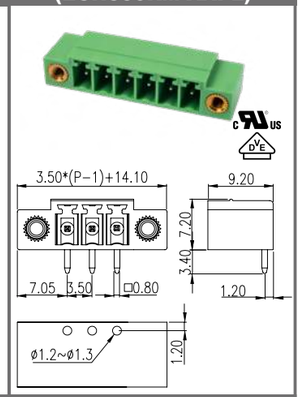
0221-27XX-BK (0221-27XXL)



0221-36XXL



ECH350RM-XXP (ECH350RM-XXPL)



Socket

ECH350H-XXP	P70
ECH350R-XXP	P69
ECH350R-XXPL	P69
ECH350V-XXP	P69
ECH350V-XXPL	P69
ECH350RR-XXP	P69
ECH350RR-XXPL	P69

Please refer to the related page number for the compatible headers.

Socket

ECH350VT-XXPL	P70

Please refer to the related page number for the compatible headers.

Socket

ECH350RM-XXP	P32
ECH350RM-XXPL	P32
ECH350VM-XXP	P32
ECH350VM-XXPL	P32
ECH350RRM-XXP	P69
ECH350RRM-XXPL	P69

Please refer to the related page number for the compatible headers.

Socket

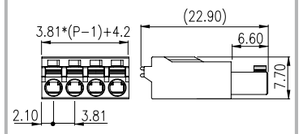
ECH350VD-XXP	P69
ECH350RD-XXP	P69

Please refer to the related page number for the compatible headers.

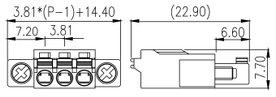
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~10mm	
Number of Positions		
02~24P		

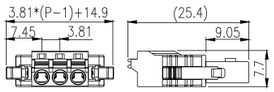
0221-42XX



0221-43XX



0221-44XX



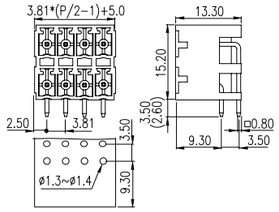
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage		2.5KV
Number of Positions		
ECH381RJ-XXP	02~24P	
ECH381RJ-XXPL		
ECH381VJ-XXP		
ECH381VJ-XXPL		
0221-33XX-BK	04~48P	
0221-33XXL		
0221-39XX-BK		
0221-39XXL		
0221-51XX-BK		
0221-51XXL		
0221-52XX-BK		
0221-52XXL		
Accessories		
ECHK1	P66	
ECHK1L	P66	

* 0221-33XX-BK (IEC=250V)
0221-51XX-BK (IEC=250V)

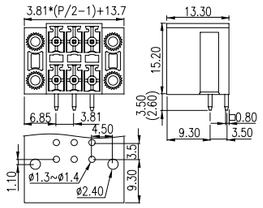
0221-33XX-BK (0221-33XXL)

*

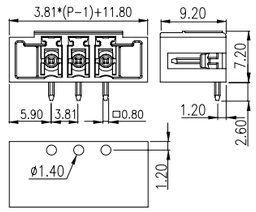


0221-51XX-BK (0221-51XXL)

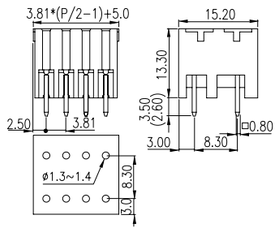
*



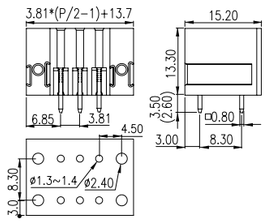
ECH381RJ-XXP (ECH381RJ-XXPL)



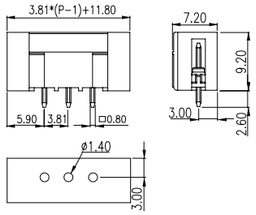
0221-39XX-BK (0221-39XXL)



0221-52XX-BK (0221-52XXL)



ECH381VJ-XXP (ECH381VJ-XXPL)

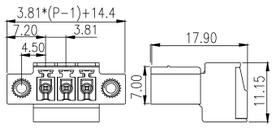


Socket	
ECH381A-XXP	P72
ECH381H-XXP	P72
ECH381R-XXP	P71
ECH381R-XXPL	P71
ECH381V-XXP	P71
ECH381V-XXPL	P71
ECH381RR-XXP	P71
ECH381RR-XXPL	P71

Please refer to the related page number for the compatible headers.

ECSH381VM-XXP

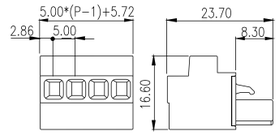
Refer to P.122



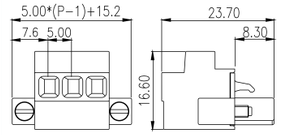
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	10A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

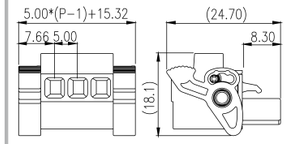
5ESV-XXP



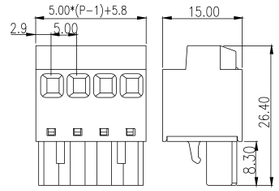
5ESVM-XXP



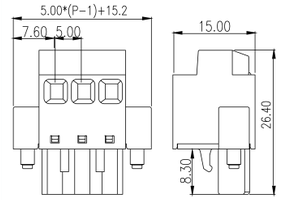
5ESVK-XXP



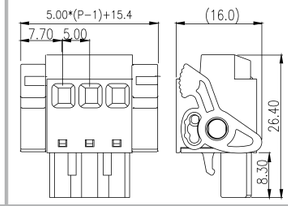
5ESR-XXP



5ESRM-XXP



5ESRK-XXP



Socket	
5EHDR-XXP	P73
5EHDR-XXPL	P73
5EHDRC-XXP	P73
5EHDRC-XXPL	P73
5EHDRR-XXP	P73
5EHDRRC-XXPL	P73
5EHDV-XXP	P73
5EHDV-XXPL	P73
5EHDVC-XXP	P73
5EHDVC-XXPL	P73

Please refer to the related page number for the compatible headers.

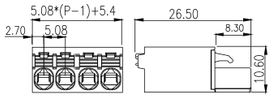
Socket	
5EHDKPM-XXP	P82
5EHDRM-XXP	P74
5EHDRM-XXPL	P74
5EHDVM-XXP	P74
5EHDVM-XXPL	P74

Please refer to the related page number for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

2ESS-XXP

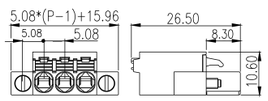


Socket

2EHDA-XXP	P75
2EHDAC-XXP	P75
2EHDR-XXP	P76
2EHDR-XXPL	P76
2EHDRC-XXP	P76
2EHDRC-XXPL	P76
2EHDV-XXP	P76
2EHDV-XXPL	P76
2EHDVC-XXP	P76
2EHDVC-XXPL	P76

Please refer to the related page number for the compatible headers.

2ESSM-XXP



Socket

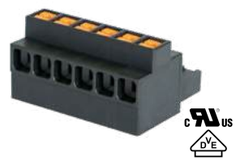
2EHDP-XXP	P81
2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDRRM-XXPL	P76

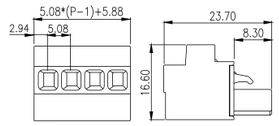
Please refer to the related page number for the compatible headers.

5.08mm

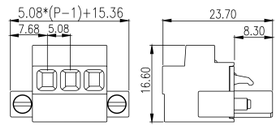
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	10A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

2ESV-XXP

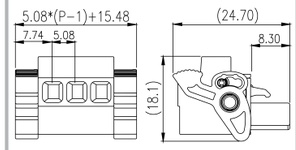




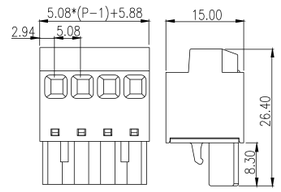
2ESVM-XXP



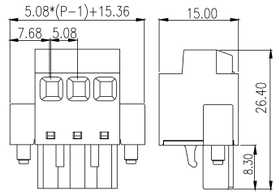
2ESVK-XXP



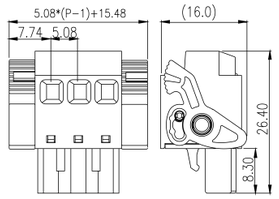
2ESR-XXP



2ESRM-XXP



2ESRK-XXP



Socket

2EHDA-XXP	P75
2EHDAC-XXP	P75
2EHDR-XXP	P76
2EHDR-XXPL	P76
2EHDRC-XXP	P76
2EHDRC-XXPL	P76
2EHDV-XXP	P76
2EHDV-XXPL	P76
2EHDVC-XXP	P76
2EHDVC-XXPL	P76

Please refer to the related page number for the compatible headers.

Socket

2EHDP-XXP	P81
2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDRRM-XXPL	P76

Please refer to the related page number for the compatible headers.

PID Plugs & Sockets - Stable Type

Easy clip design

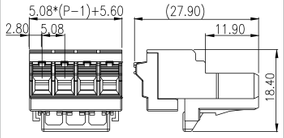
Strengthened mounting structure

Connection method: Push-in connection
Pitch: 5.00mm / 5.08mm / 6.35mm / 7.50mm
UL Rated: 300V / 16A, 600V / 20A
IEC Rated: 320V / 20A, 1000V / 20A

- With lock flange directly beneath
- The plug is in minimum width to save space
- Release tool (SDH-002) allows wiring operation by single hand
- Additional support pins on both sides of The socket for extra strength

5.08mm 0150-20XX

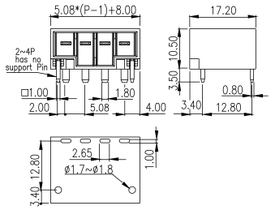
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	16A	20A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	11~12mm	
Number of Positions		
02~24P		



5.08mm 0150-26XX

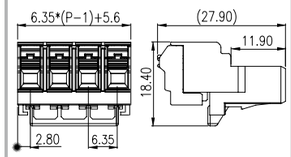
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	16A	20A
Rated impulse voltage		4KV
Number of Positions		
0150-26XX	02~24P	

· 05~24P versions with support pin



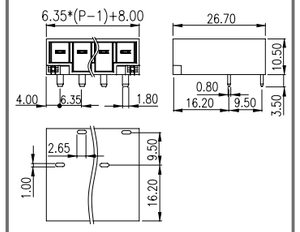
6.35mm 0150-30XX

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	20A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		8KV
Wire strip length	11~12mm	
Number of Positions		
02~12P		



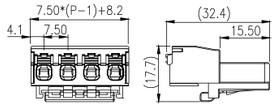
6.35mm 0150-36XX

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	20A
Rated impulse voltage		8KV
Number of Positions		
02~12P		



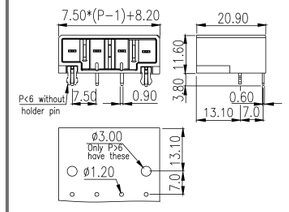
7.50mm 0150-40XX

Technical Data	UL	IEC
Rated voltage	600V	630V
Rated current	15A	18A
Solid (AWG/mm²)	20~12	0.5~2.5
Flexible (AWG/mm²)	20~12	0.5~2.5
Rated impulse voltage		8KV
Wire strip length	12~13mm	
Number of Positions		
02~12P		



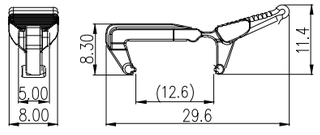
7.50mm 0150-46XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		6KV
Number of Positions		
02~12P		



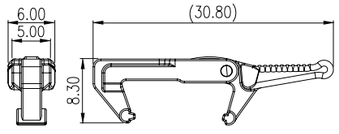
SDH-002 (for 0150 series only)

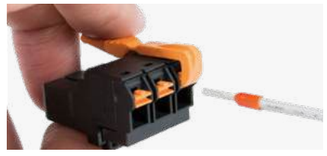
Basic type



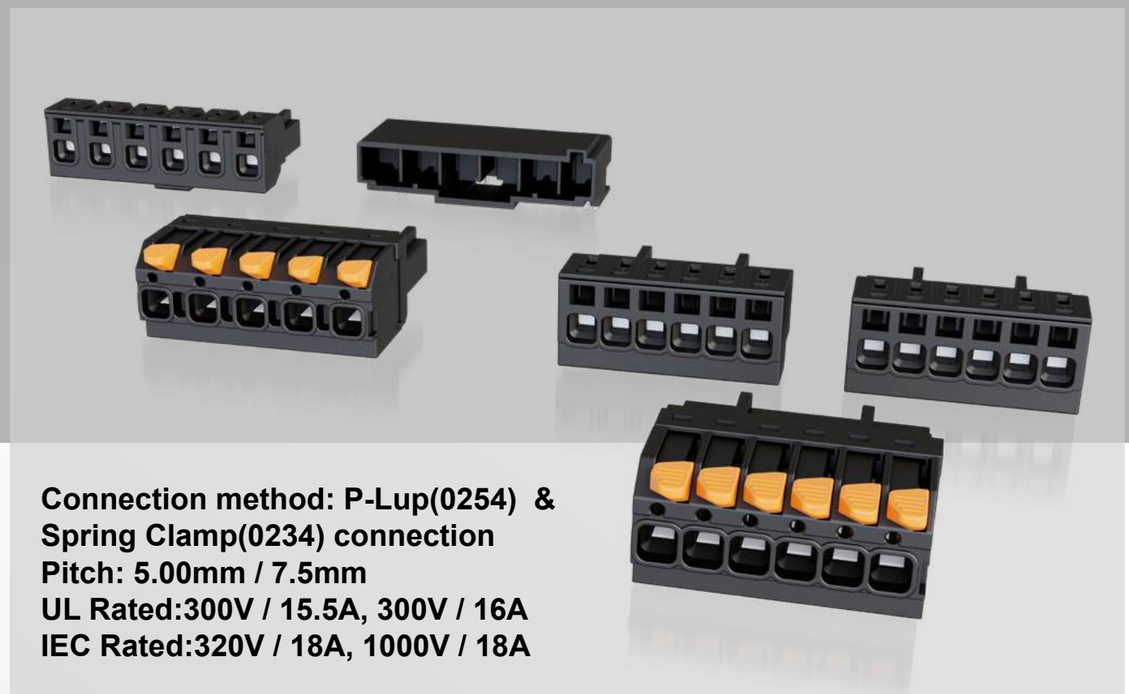
SDH-003 (for 0150 series only)

Durable type



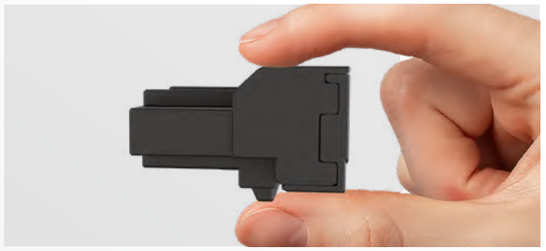


Spring Clamp / P-Lup Plugs & Sockets - Stable Type



Connection method: P-Lup(0254) & Spring Clamp(0234) connection
Pitch: 5.00mm / 7.5mm
UL Rated:300V / 15.5A, 300V / 16A
IEC Rated:320V / 18A, 1000V / 18A

The plug features an innovative retractable spring clip and P-LUP mechanism, significantly enhancing user experience. The retractable spring clip ensures secure wiring and excellent vibration resistance, improving product safety and durability. The P-LUP design enables faster and easier cable insertion and removal, while the ergonomic handle enhances operational efficiency and reduces labor effort. This solution greatly reduces installation time, making it the optimal choice for professionals seeking high efficiency and superior quality.

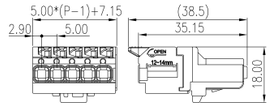


The base adopts a push-lock mechanism that significantly reduces installation space requirements, maximizing spatial efficiency. The structure is robust yet lightweight and flexible, making it suitable for a wide range of installation environments. A distinct clicking sound upon engagement provides clear audible feedback, allowing users to confirm proper assembly with confidence. This enhances operational accuracy and efficiency, delivering a more intuitive and reliable experience for on-site installations.

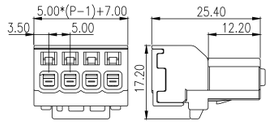
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	15.5A	18A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~14P		

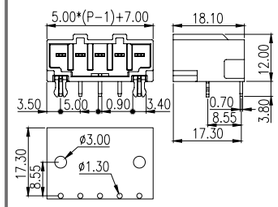
0254-20XX



0234-20XX-MW



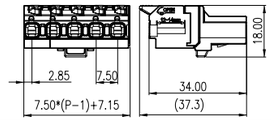
0234-26XX



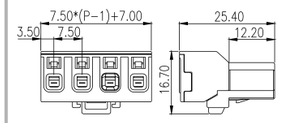
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	16A	18A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		6KV
Wire strip length	9~10mm	
Number of Positions		
02~12P		

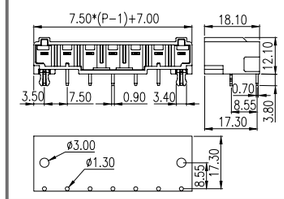
0254-30XX



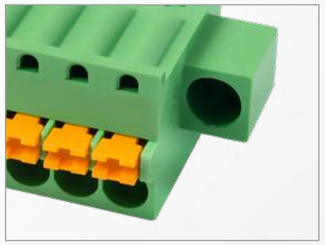
0234-30XX-MW



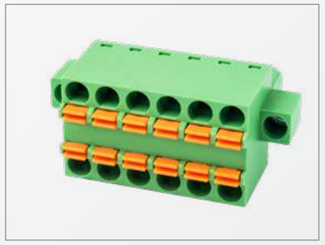
0234-36XX



PID Plugs & Sockets - Regular Type



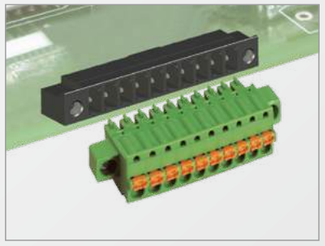
Screw mounting flange for secure connection



Twin connection plug is available

Connection method: Push-in connection
Pitch: 2.50mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 7.62mm
UL Rated: 150V / 4A ~ 300V / 15A
IEC Rated: 320V / 12A ~ 800V /15A

- Direct Push-in connection single-level and front twin connection plugs
- Mounting by screw flange and Release tool.
- With testing holes



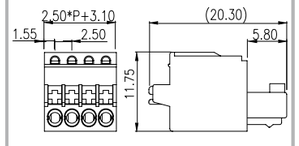
Plug can connect with reflow-solderable sockets

Testing hole dimensions		
Product series	**Pitch(mm)**	**Hole Ø (mm)**
ESC250	2.50	1.10
ESC350	3.50	1.25
ESC381	3.81	1.25
5ESDS	5.00	2.30
2ESDS	5.08	2.30
ESC508	5.08	1.25
3ESDS	7.62	2.30

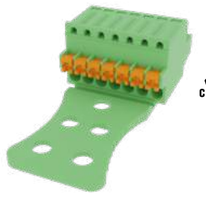
2.50mm

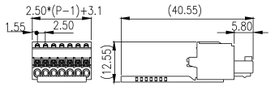
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	4A	4A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)	28~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
ESC250V-XXP	02~24P	
ESC250L-XXP	07~12P	

ESC250V-XXP



ESC250L-XXP





Build to order

Socket

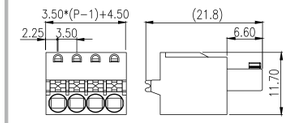
ECH250R-XXP	P68
ECH250R-XXPL	P68
ECH250V-XXP	P68
ECH250V-XXPL	P68
ECHB250R-XXP	P68
ECHB250V-XXP	P68

Please refer to the related page number for the compatible headers.

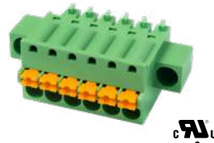
3.50mm

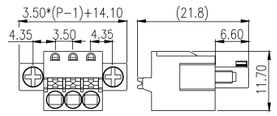
Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

ESC350V-XXP

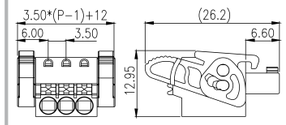


ESC350VM-XXP





ESC350VK-XXP

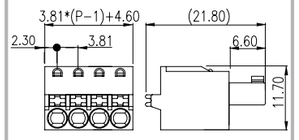


Socket		Socket		Socket	
ECH350V-XXP	P69	ECH350VM-XXP	P32	ECH350VD-XXP	P69
ECH350V-XXPL	P69	ECH350VM-XXPL	P32	ECH350VM-XXPL	P32
ECHB350V-XXP	P70	ECHB350VM-XXP	P70	ECH350RD-XXP	P69
EECH350V-XXP	P70	EECH350VM-XXP	P70	ECH350RM-XXPL	P32
ECH350H-XXP	P70	ECH350RM-XXP	P32	Please refer to the related page number for the compatible headers.	
ECH350R-XXP	P69	ECH350RM-XXPL	P32		
ECH350R-XXPL	P69	ECHB350RM-XXP	P70		
ECHB350R-XXP	P70	EECH350RM-XXP	P70		
EECH350R-XXP	P70	ECH350RRM-XXP	P69		
ECH350RR-XXP	P69	ECH350RRM-XXPL	P69		
ECH350RR-XXPL	P69	Please refer to the related page number for the compatible headers.			
Please refer to the related page number for the compatible headers.					

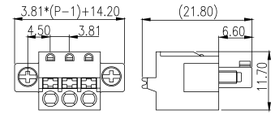
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~20P		

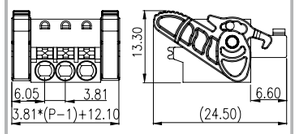
ESC381V-XXP



ESC381VM-XXP



ESC381VK-XXP

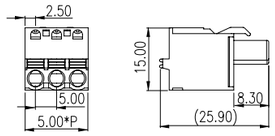


Socket		Socket		Socket	
ECH381A-XXP	P72	ECH381AM-XXP	P72	ECHB381RRD-XXP	P72
ECH381H-XXP	P72	ECH381RM-XXP	P71	Please refer to the related page number for the compatible headers.	
ECH381R-XXP	P71	ECH381RM-XXPL	P71		
ECH381R-XXPL	P71	ECH381VM-XXP	P71		
ECH381V-XXP	P71	ECH381VM-XXPL	P71		
ECH381V-XXPL	P71	Please refer to the related page number for the compatible headers.			
Please refer to the related page number for the compatible headers.					

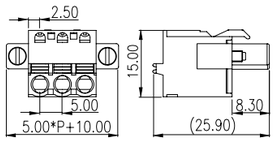
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	10A	12A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	11~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

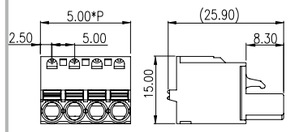
5ESDS-XXP



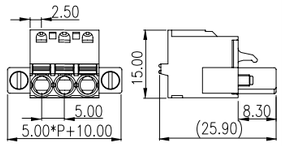
5ESDSM-XXP



5ESDSR-XXP



5ESDSRM-XXP



Socket	
5EHDR-XXP	P73
5EHDR-XXPL	P73
5EHDRC-XXP	P73
5EHDRC-XXPL	P73
5EHDRR-XXP	P73
5EHDRRC-XXP	P73
5EHDV-XXP	P73
5EHDV-XXPL	P73
5EHDVC-XXP	P73
5EHDVC-XXPL	P73
5EHDRR-XXPL	P73
5EHDRRC-XXPL	P73

Please refer to the related page number for the compatible headers.

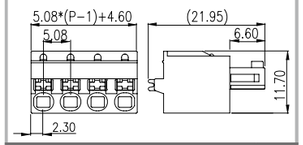
Socket	
5EHDKPM-XXP	P82
5EHDRM-XXP	P74
5EHDRM-XXPL	P74
5EHDVM-XXP	P74
5EHDVM-XXPL	P74
5EHDRRM-XXPL	P74

Please refer to the related page number for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	8A	8A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9mm	
Number of Positions		
02~24P		

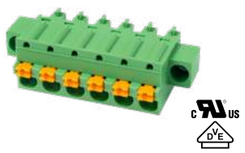
ESC508V-XXP

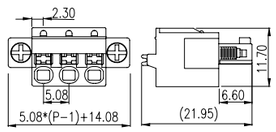


Socket	
ECH508R-XXP	P75
ECH508V-XXP	P75

Please refer to the related page number for the compatible headers.

ESC508VM-XXP





Socket	
ECH508RM-XXP	P75
ECH508VM-XXP	P75

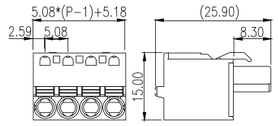
Please refer to the related page number for the compatible headers.

5.08mm

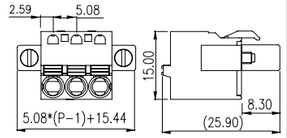
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	10A	12A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	11~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

* IEC=630V, 18A

2ESDS-XXP

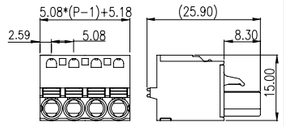


2ESDSM-XXP

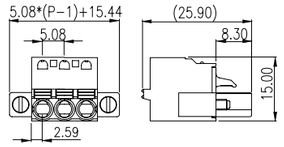


2ESDSR-XXP

*



2ESDSRM-XXP



Socket	
2EHDA-XXP	P75
2EHDAC-XXP	P75
2EHDR-XXP	P76
2EHDR-XXPL	P76
2EHDRC-XXP	P76
2EHDRC-XXPL	P76
2EHDV-XXP	P76
2EHDV-XXPL	P76
2EHDVC-XXP	P76
2EHDVC-XXPL	P76
2EHDRR-XXPL	P76
2EHDRRC-XXPL	P76

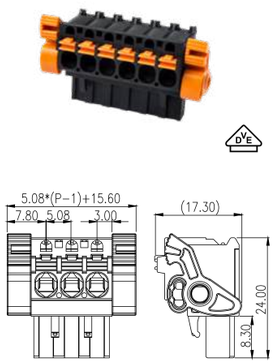
Please refer to the related page number for the compatible headers.

Socket	
2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDRRM-XXPL	P76

Please refer to the related page number for the compatible headers.

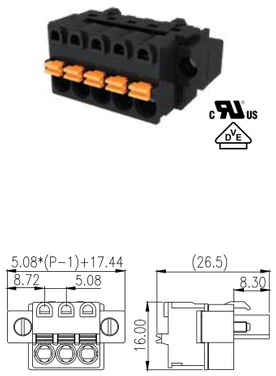
5.08mm 2ESDSVK-XXP

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	



5.08mm 0121-01XX

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	10A	12A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		6KV
Wire strip length	11~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

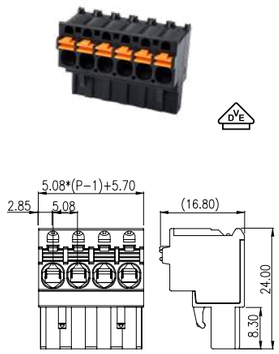


Socket

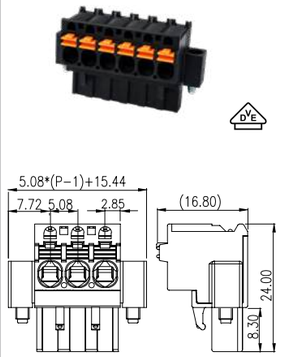
2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDBRM-XXP	P77
2EHDBVM-XXP	P77

Please refer to the related page number for the compatible headers.

2ESDSV-XXP



2ESDSVM-XXP



Socket

2EHDR-XXP	P76
2EHDR-XXPL	P76
2EHDRC-XXPL	P76
2EHDV-XXP	P76
2EHDV-XXPL	P76
2EHDVC-XXPL	P76

Please refer to the related page number for the compatible headers.

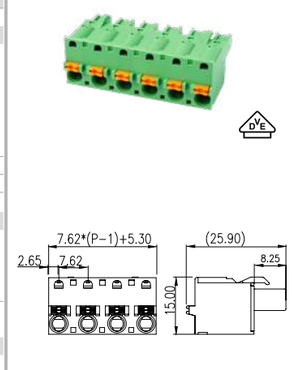
Socket

2EHDRM-XXP	P76
2EHDRRM-XXPL	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76

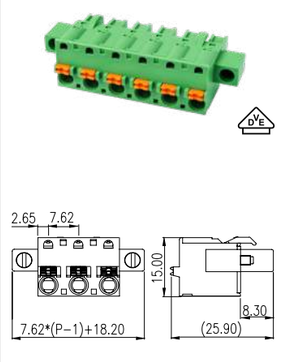
Please refer to the related page number for the compatible headers.

7.62mm 3ESDS-XXP

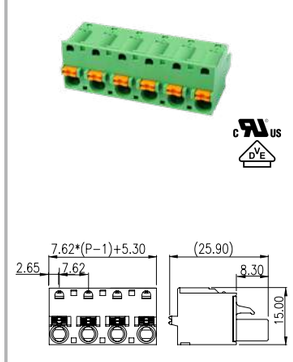
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current		
3ESDS-XXP	10A	15A
3ESDSR-XXP		
3ESDSM-XXP		
3ESDSRM-XXP		
3ESDSRH	18A	
3ESDSRHM		
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		6KV
Wire strip length		
3ESDS-XXP	10~11mm	
3ESDSR-XXP		
3ESDSM-XXP		
3ESDSRM-XXP		
3ESDSRH	8~9mm	
3ESDSRHM		
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	
ESDK2	P66	



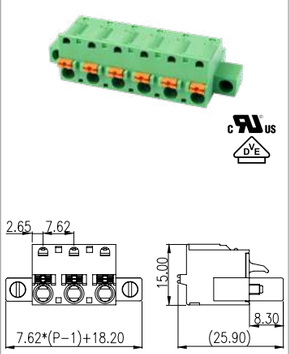
3ESDSM-XXP



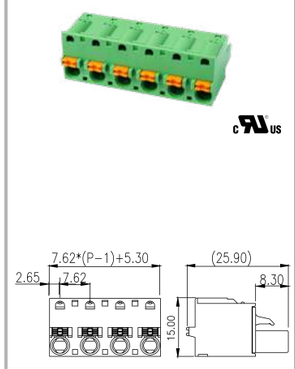
3ESDSR-XXP



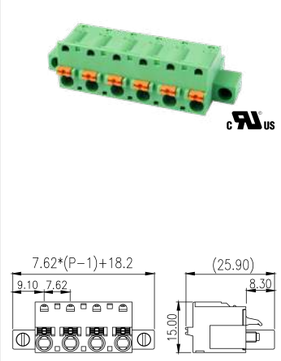
3ESDSRM-XXP



3ESDSRH-XXP



3ESDSRHM-XXP



Socket

3EHDR-XXP	P78
3EHDRC-XXP	P78
3EHDV-XXP	P78
3EHDVC-XXP	P78

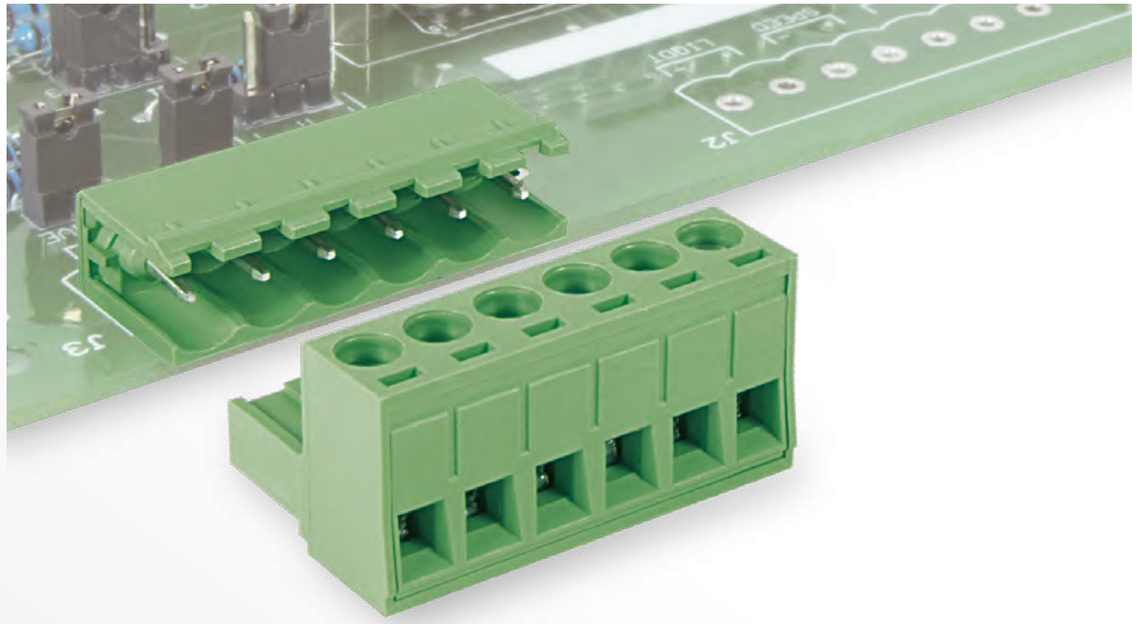
Please refer to the related page number for the compatible headers.

Socket

3EHDRM-XXP	P78
3EHDVM-XXP	P78

Please refer to the related page number for the compatible headers.

Screw Connection Plugs



Connection method: Screw connection

Pitch: 3.50mm / 3.81mm / 5.00mm / 5.08mm / 6.35mm / 7.50mm / 7.62mm
UL Rated: 300V / 8A ~ 600V / 20A
IEC Rated:320V / 14A ~ 1000V / 16A

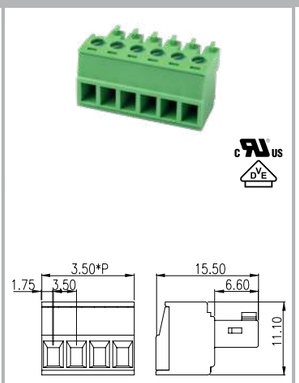
- Mating sockets include versions for wave soldering and reflow soldering
- Key codes available for foo-proof
- Rigid structure for excellent durability

The wire cage structure uses a high carbon steel material that undergoes a two-stage heat treatment process which strengthens the steel while maintaining ductility. The screw connection features a large contact surface that is suitable for solid and stranded wires. The wire cage is designed to ensure tight contact point which helps to achieve the low contact resistance and resistance to corrosion.

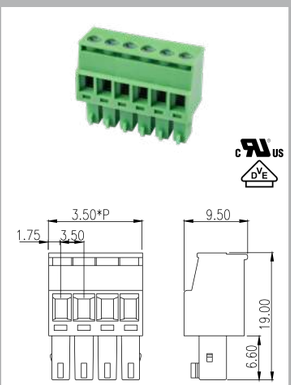
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
EC350RM-XXP	02~20P	
EC350RLM-XXP		
EC350R-XXP	02~22P	
EC350RL-XXP		
EC350V-XXP	02~24P	
EC350VM-XXP		

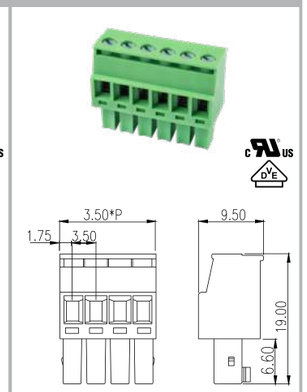
EC350V-XXP



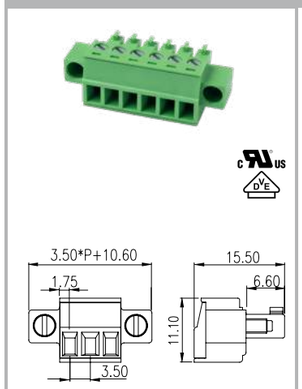
EC350R-XXP



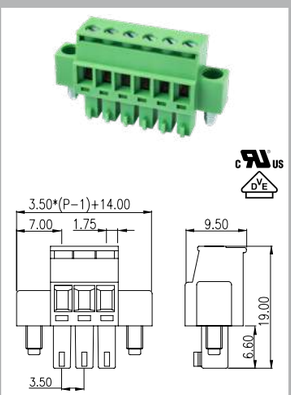
EC350RL-XXP



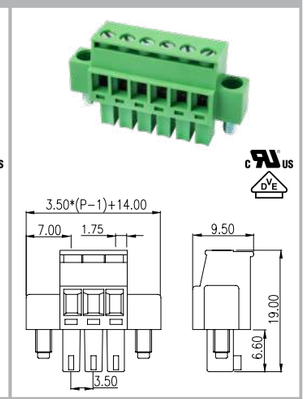
EC350VM-XXP



EC350RM-XXP



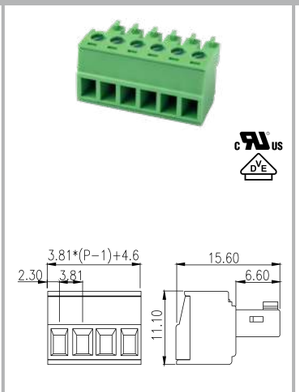
EC350RLM-XXP



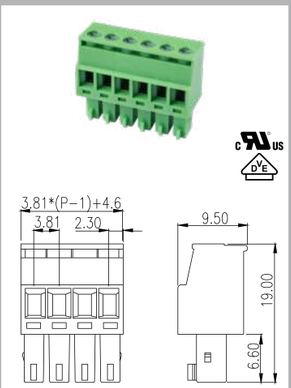
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~2.5	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
EC381RM-XXP	02~20P	
EC381RLM-XXP		
EC381R-XXP	02~22P	
EC381RL-XXP		
EC381V-XXP	02~24P	
EC381VM-XXP		

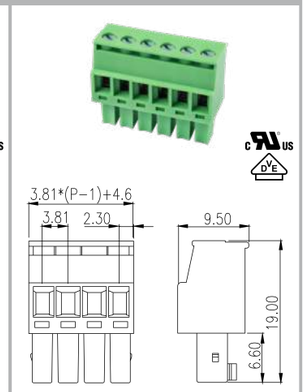
EC381V-XXP



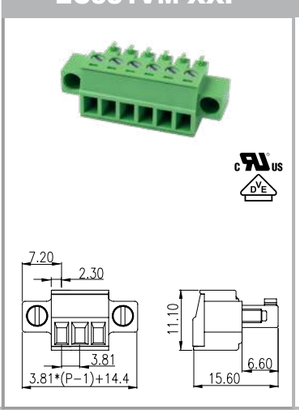
EC381R-XXP



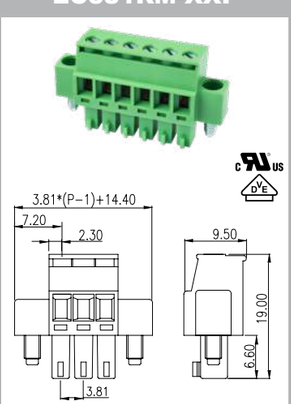
EC381RL-XXP



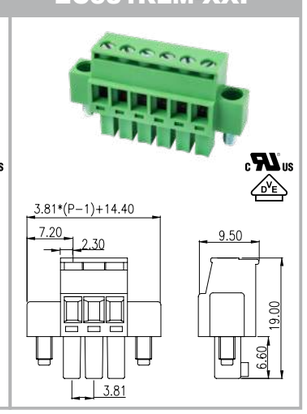
EC381VM-XXP



EC381RM-XXP



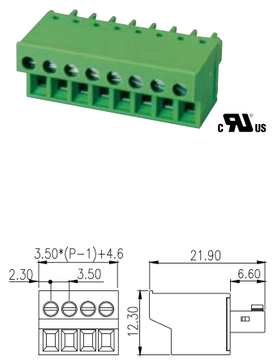
EC381RLM-XXP



3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage	2KV	2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	8~9mm	
Number of Positions		
02~24P		

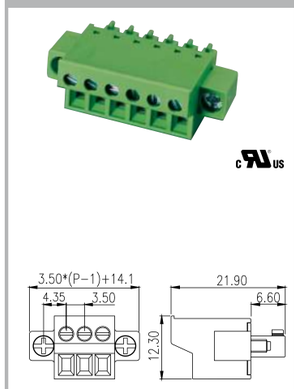
EC350F-XXP



Socket			
ECH350V-XXP	P69	ECH350H-XXP	P70
ECH350V-XXPL	P69	ECH350R-XXP	P69
ECHB350V-XXP	P70	ECH350R-XXPL	P69
EECH350V-XXP	P70	ECHB350R-XXP	P70
ECH350RR-XXP	P69	EECH350R-XXP	P70
ECH350RR-XXPL	P69		

Please refer to the related page number for the compatible headers.

EC350FM-XXP



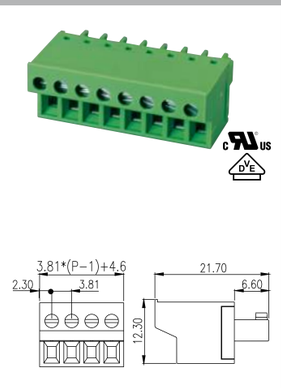
Socket			
ECH350VM-XXP	P32	ECH350RM-XXP	P32
ECH350VM-XXPL	P32	ECH350RM-XXPL	P32
ECHB350VM-XXP	P70	ECHB350RM-XXP	P68
EECH350VM-XXP	P70	EECH350RM-XXP	P68
ECH350RRM-XXPL	P69	ECH350RRM-XXP	P69

Please refer to the related page number for the compatible headers.

3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~2.5	
Screw	M2	
Wire strip length	8~9mm	
Number of Positions		
EC381FM-XXP	02~22P	
EC381F-XXP	02~24P	

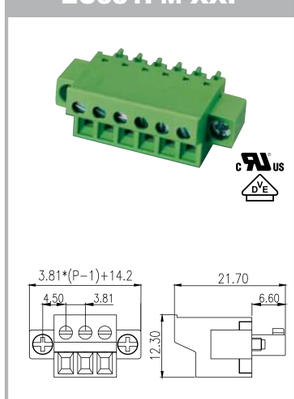
EC381F-XXP



Socket			
ECH381V-XXP	P71	ECH381A-XXP	P72
ECH381V-XXPL	P71	ECH381H-XXP	P72
ECHB381V-XXP	P72	ECH381R-XXP	P71
EECH381V-XXP	P72	ECH381R-XXPL	P71
ECH381RR-XXP	P71	ECHB381R-XXP	P72
ECH381RR-XXPL	P71	EECH381R-XXP	P72

Please refer to the related page number for the compatible headers.

EC381FM-XXP



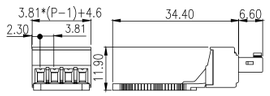
Socket			
ECH381VM-XXP	P71	ECH381AM-XXP	P72
ECH381VM-XXPL	P71	ECH381RM-XXP	P71
ECHP381V-XXP	P81	ECH381RM-XXPL	P71
ECHB381VM-XXP	P72	ECHB381RM-XXP	P72
EECH381VM-XXP	P72	EECH381RM-XXP	P72
ECH381RRM-XXPL	P71	ECH381RRM-XXP	P71

Please refer to the related page number for the compatible headers.

3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
02~09P		

EC381L-XXP

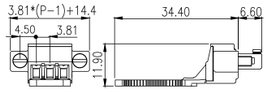


Build to order

Socket			
ECH381V-XXP	P71	ECH381A-XXP	P72
ECH381V-XXPL	P71	ECH381H-XXP	P72
ECHB381V-XXP	P72	ECH381R-XXP	P71
EECH381V-XXP	P72	ECH381R-XXPL	P71
ECH381RR-XXP	P71	ECHB381R-XXP	P72
ECH381RR-XXPL	P71	EECH381R-XXP	P72

Please refer to the related page number for the compatible headers.

EC381LM-XXP



Build to order

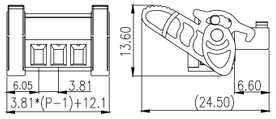
Socket			
ECH381VM-XXP	P71	ECH381AM-XXP	P72
ECH381VM-XXPL	P71	ECH381RM-XXP	P71
ECHP381V-XXP	P81	ECH381RM-XXPL	P71
ECHB381VM-XXP	P72	ECHB381RM-XXP	P72
EECH381VM-XXP	P72	EECH381RM-XXP	P72
ECH381RRM-XXPL	P71	ECH381RRM-XXP	P71

Please refer to the related page number for the compatible headers.

3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

EC381VK-XXP



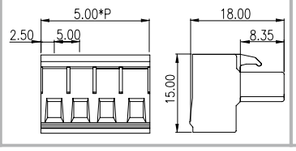
Socket			
ECHB381RRD-XXP	P72		

Please refer to the related page number for the compatible headers.

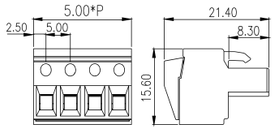
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
5ESDT-XXP	02~24P	
5ESDTS-XXP	02~04P	
Accessories		
ESDK1	P66	
ESDK2	P66	

5ESDT-XXP



5ESDTS-XXP



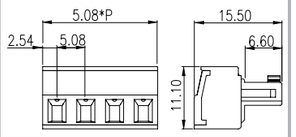
Socket	
5EHDR-XXP	P73
5EHDRC-XXP	P73
5EHDV-XXP	P73
5EHDVC-XXP	P73
5EH-XPL	P129
5EH-XPR	P130
5EHDRR-XXP	P73
5EHDK-XXP	P82

Please refer to the related page number for the compatible headers.

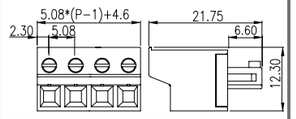
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	12A	14A
Solid (AWG/mm²)		
EC508FM-XXP	28~14	0.2~1.5
EC508F-XXP		
EC508V-XXP	30~14	
EC508VM-XXP		
Flexible (AWG/mm²)		
EC508FM-XXP	28~14	0.2~1.5
EC508F-XXP		
EC508V-XXP	30~14	
EC508VM-XXP		
Rated impulse voltage		4KV
Torque (N-m)		
0.2~0.25		
Screw	M2	
Wire strip length	8~9mm	
Number of Positions		
02~24P		

EC508V-XXP



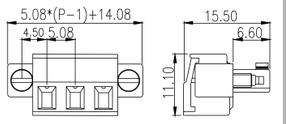
EC508F-XXP



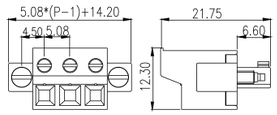
Socket	
ECH508V-XXP	P75
ECH508R-XXP	P75

Please refer to the related page number for the compatible headers.

EC508VM-XXP



EC508FM-XXP



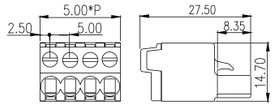
Socket	
ECH508VM-XXP	P75
ECH508RM-XXP	P75

Please refer to the related page number for the compatible headers.

5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	9~10mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

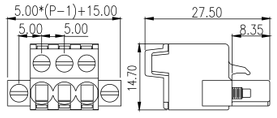
5ESDF-XXP



Socket			
5EHDV-XXP	P73	5EHDRC-XXP	P73
5EHDV-XXPL	P73	5EHDRC-XXPL	P73
5EHDVC-XXP	P73	5EHDBR-XXP	P74
5EHDVC-XXPL	P73	5EHDRR-XXP	P73
5EHDBV-XXP	P74	5EHDRRC-XXP	P73
5EEHDV-XXP	P74	5EEHDR-XXP	P74
5EHDR-XXP	P73	5EHDRR-XXPL	P73
5EHDR-XXPL	P73		
5EHDRRC-XXPL	P73		

Please refer to the related page number for the compatible headers.

5ESDFM-XXP



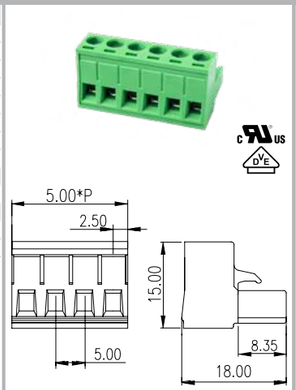
Socket			
5EHDVM-XXP	P74	5EHDKPM-XXP/T	P82
5EHDVM-XXPL	P74	5EHDBRM-XXP	P74
5EHDBVM-XXP	P74	5EEHDRM-XXP	P74
5EEHDVM-XXP	P74	5EHDRRM-XXPL	P74
5EHDRM-XXP	P74		
5EHDRM-XXPL	P74		

Please refer to the related page number for the compatible headers.

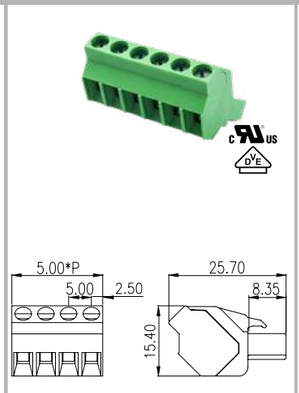
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm²)	30~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

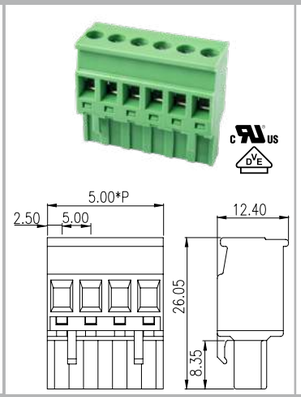
5ESDV-XXP



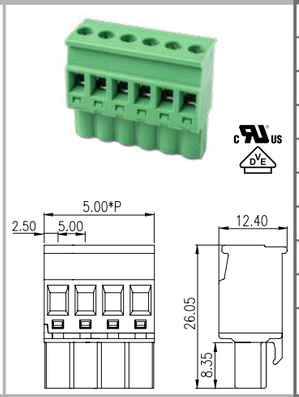
5ESDA-XXP



5ESDP-XXP



5ESDPL-XXP



Socket

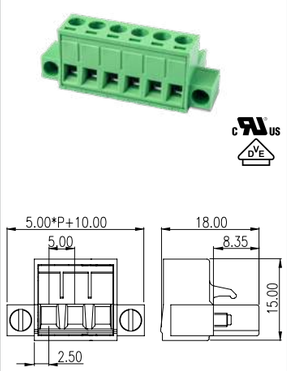
5EHDV-XXP	P73	5EHDRC-XXPL	P73
5EHDV-XXPL	P73	5EHDBR-XXP	P74
5EHDVC-XXP	P73	5EHDRR-XXP	P73
5EHDVC-XXPL	P73	5EHDRRC-XXP	P73
5EHDBV-XXP	P74	5EEHDR-XXP	P74
5EEHDV-XXP	P74	5EHDRR-XXPL	P73
5EHDR-XXP	P73	5EHDRRC-XXPL	P73
5EHDR-XXPL	P73		
5EHDRC-XXP	P73		

Please refer to the related page number for the compatible headers.

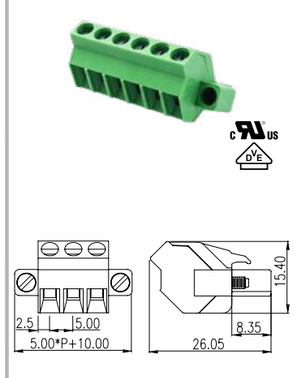
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm²)	30~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

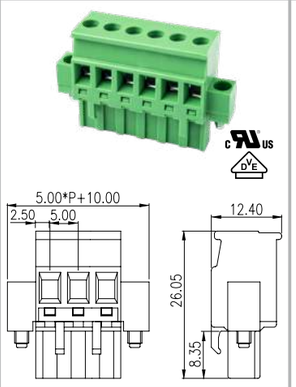
5ESDVM-XXP



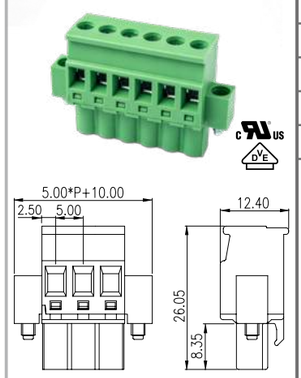
5ESDAM -XXP



5ESDPM-XXP



5ESDPLM-XXP



Socket

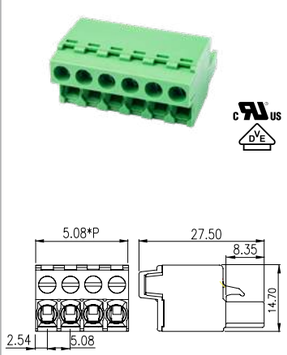
5EHDVM-XXP	P74	5EHDRM-XXPL	P74
5EHDVM-XXPL	P74	5EHDKPM-XXP	P82
5EHDBVM-XXP	P74	5EHDBRM-XXP	P74
5EEHDVM-XXP	P74	5EEHDRM-XXP	P74
5EHDRM-XXP	P74	5EHDRRM-XXPL	P74

Please refer to the related page number for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	9~10mm	
Number of Positions		
02~24P		

2ESDF-XXP

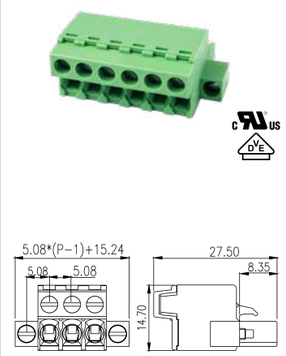


Socket

2EHDV-XXP	P76	2EHDRC-XXP	P76
2EHDV-XXPL	P76	2EHDRC-XXPL	P76
2EHDVC-XXP	P76	2EHDA-XXP	P75
2EHDVC-XXPL	P76	2EHDAC-XXP	P75
2EHDBV-XXP	P77	2EHDBR-XXP	P77
2EEHDV-XXP	P77	2EEHDR-XXP	P77
2EHDR-XXP	P76	2EHDRR-XXPL	P76
2EHDR-XXPL	P76	2EHDRRC-XXPL	P76

Please refer to the related page number for the compatible headers.

2ESDFM-XXP



Socket

2EHDVM-XXP	P76	2EHDRM-XXPL	P76
2EHDVM-XXPL	P76	2EHDBRM-XXP	P77
2EHDBVM-XXP	P77	2EEHDRM-XXP	P77
2EEHDVM-XXP	P77	2EHDRRM-XXPL	P76
2EHDRM-XXP	P76		

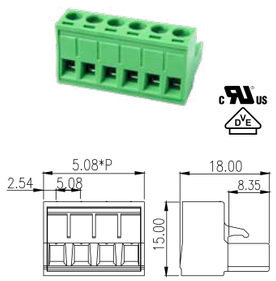
Please refer to the related page number for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	20A	24A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Wire strip length	7~8mm	
Number of Positions		
02~24P		

2ESDVH-XXP

20A



Socket

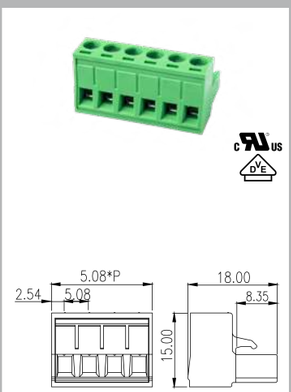
2EHDV-XXP	P76	2EHDRC-XXP	P76
2EHDV-XXPL	P76	2EHDRC-XXPL	P76
2EHDVC-XXP	P76	2EHDA-XXP	P75
2EHDVC-XXPL	P76	2EHDAC-XXP	P75
2EHDBV-XXP	P77	2EHDBR-XXP	P77
2EEHDV-XXP	P77	2EEHDR-XXP	P77
2EHDR-XXP	P76	2EHDRR-XXPL	P76
2EHDR-XXPL	P76	2EHDRRC-XXPL	P76

Please refer to the related page number for the compatible headers.

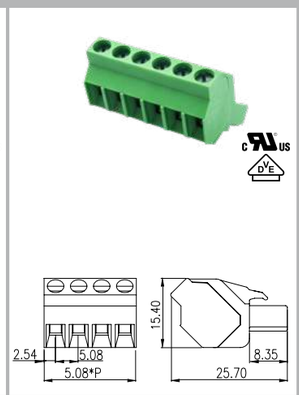
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
2ESDV-XXP	02~24P	
2ESDA-XXP		
2ESDVM-XXP		
2ESDAM-XXP		
2ESDPM-XXP		
2ESDPLM-XXP		
2ESDVNM-XXP		
2ESDP-XXP	02~26P	
2ESDPL-XXP		
2ESDL-XXP	03~10P	
Accessories		
ESDK1	P66	
ESDK2	P66	

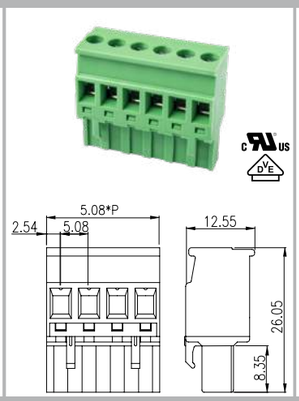
2ESDV-XXP



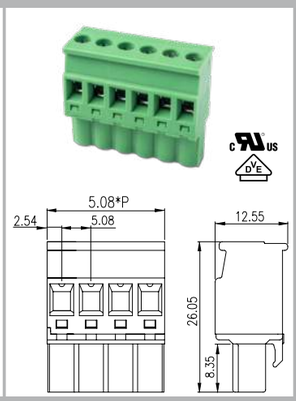
2ESDA-XXP



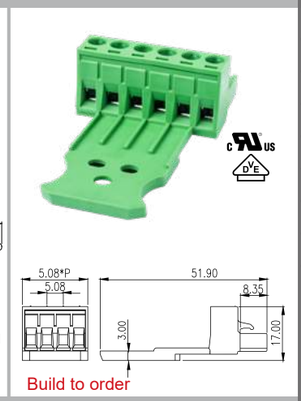
2ESDP-XXP



2ESDPL-XXP



2ESDL-XXP



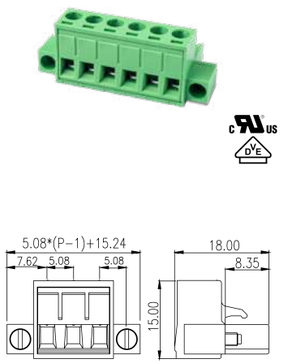
Build to order

Socket

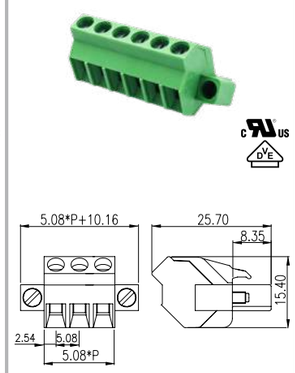
2EHDV-XXP	P76	2EHDRC-XXP	P76
2EHDV-XXPL	P76	2EHDRC-XXPL	P76
2EHDVC-XXP	P76	2EHDA-XXP	P75
2EHDVC-XXPL	P76	2EHDAC-XXP	P75
2EHDBV-XXP	P77	2EHDBR-XXP	P77
2EEHDV-XXP	P77	2EEHDR-XXP	P77
2EHDR-XXP	P76	2EHDRR-XXPL	P76
2EHDR-XXPL	P76	2EHDRRC-XXPL	P76

Please refer to the related page number for the compatible headers.

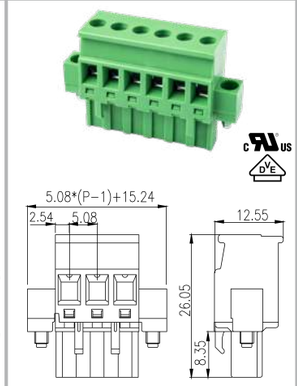
2ESDVM-XXP



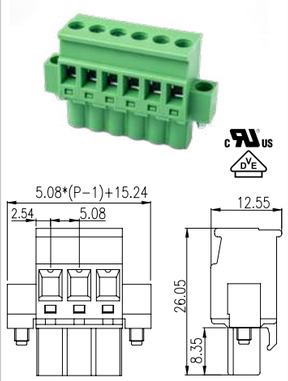
2ESDAM-XXP



2ESDPM-XXP

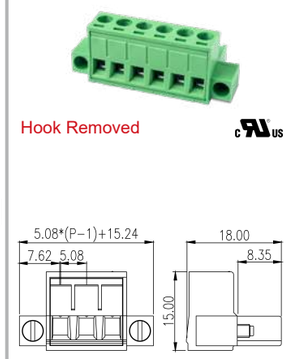


2ESDPLM-XXP



2ESDVNM-XXP

Hook Removed



Socket

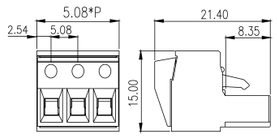
2EHDVM-XXP	P76	2EHDRM-XXPL	P76
2EHDVM-XXPL	P76	2EHDBRM-XXP	P77
2EHDBVM-XXP	P77	2EEHDRM-XXP	P77
2EEHDVM-XXP	P77	2EHDRRM-XXPL	P76
2EHDRM-XXP	P76		

Please refer to the related page number for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.6	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
03P		

2ESDVS-03P



Socket

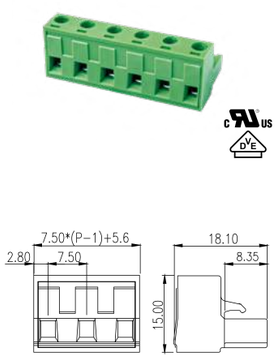
2EHDA-XXP	P75	2EHDV-XXP	P76
2EHDAC-XXP	P75	2EHDVC-XXP	P76
2EHDR-XXP	P76	2EHDV-XXPL	P76
2EHDRC-XXP	P76	2EHDVC-XXPL	P76
2EHDR-XXPL	P76	2EHDRR-XXPL	P76
2EHDRC-XXPL	P76	2EHDRRC-XXPL	P76

Please refer to the related page number for the compatible headers.

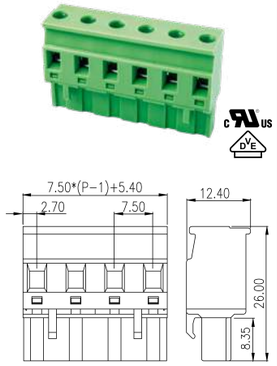
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
7ESDP-XXP	02~11P	
7ESDPL-XXP		
7ESDPM-XXP		
7ESDPLM-XXP		
7ESDV-XXP	02~12P	
7ESDVM-XXP		
Accessories		
ESDK1	P66	
ESDK2	P66	

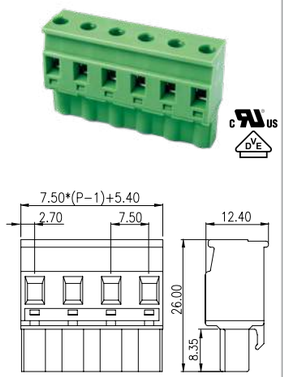
7ESDV-XXP



7ESDP-XXP



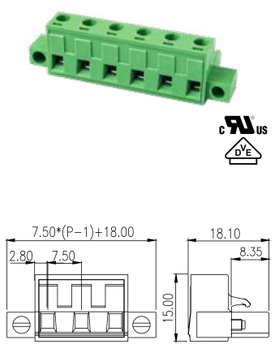
7ESDPL-XXP



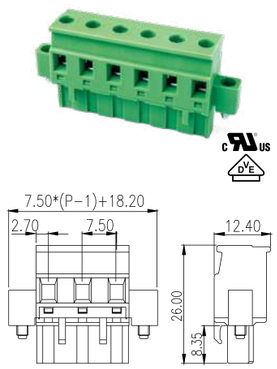
Socket	
7EHDV-XXP	P78
7EHDVC-XXP	P78
7EHDR-XXP	P78
7EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

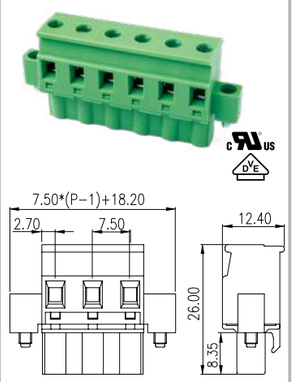
7ESDVM-XXP



7ESDPM-XXP



7ESDPLM-XXP



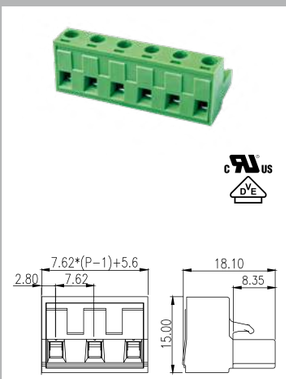
Socket	
7EHDVM-XXP	P78
7EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

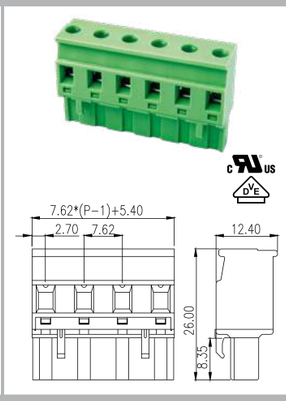
7.62mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm²)		
3ESDV-XXP	28~12	0.2~4
3ESDP-XXP		
3ESDVM-XXP		
3ESDPM-XXP		
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
3ESDV-XXP	02~12P	
3ESDP-XXP		
3ESDPL-XXP		
3ESDPM-XXP		
3ESDPLM-XXP		
3ESDVM-XXP	02~14P	
Accessories		
ESDK1	P66	
ESDK2	P66	

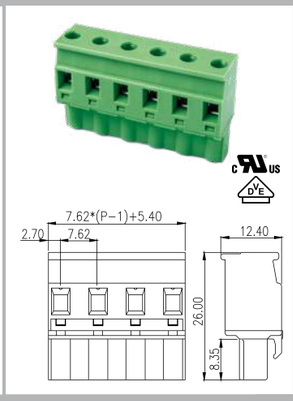
3ESDV-XXP



3ESDP-XXP



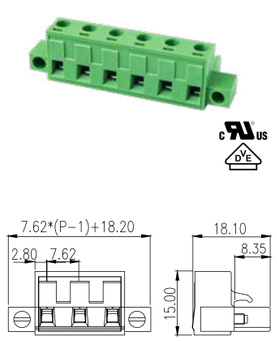
3ESDPL-XXP



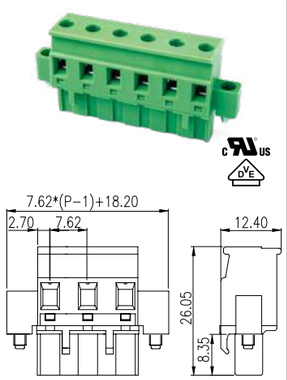
Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

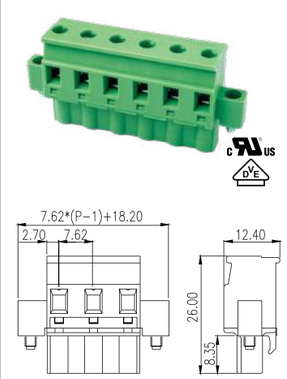
3ESDVM-XXP



3ESDPM-XXP



3ESDPLM-XXP



Socket	
3EHDVM-XXP	P78
3EHDRM-XXP	P78

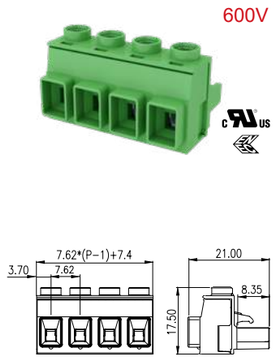
Please refer to the related page number for the compatible headers.

7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	16A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		8KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~12P		

3ESDVH-XXP

600V

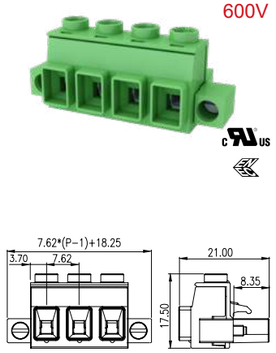


Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

3ESDVHM-XXP

600V

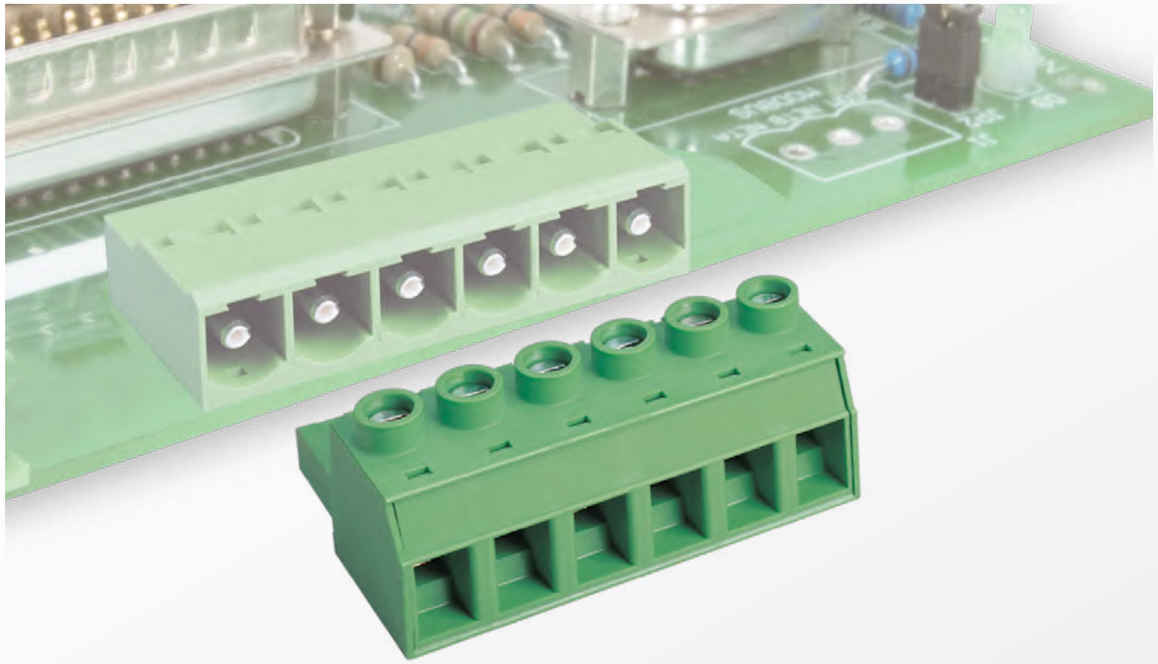


Socket	
3EHDVM-XXP	P78
3EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

DINKLE Delight Through Connections

Screw Connection Plugs - High Power Application



Connection method: Screw connection
Pitch: 7.62mm / 10.16mm / 15.00mm
UL Rated: 600V / 15A ~ 600V / 115A
IEC Rated: 320V / 24A ~ 1000V / 125A

- 3ESNP series plug has a voltage capacity of 600V and current capacity up to 18A in a compact structure, and can be used with standard 3EHD series socket
- EC762 series has a high current capacity up to 40A UL rating , and adopts M3 screw with connection up to 4mm² stranded wire
- 02~06P are available in horizontal design
- EC116V series plug has a current capacity of 51A UL rating and 75A IEC rating

The socket versions include vertical and horizontal plug-in direction to the PCB and an inverted version is available where solder-in direction is rotated by 180.

3ESNP series

EC762 series

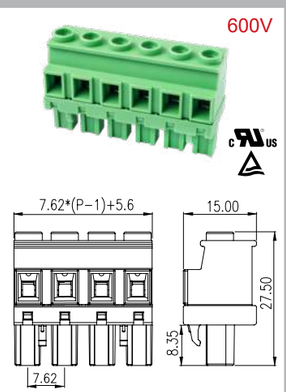
EC116V series

7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		8KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	
ESDK2	P66	

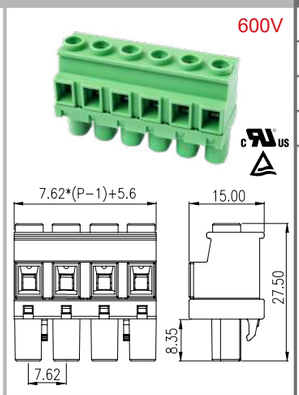
3ESNP-XXP

600V



3ESNPL-XXP

600V



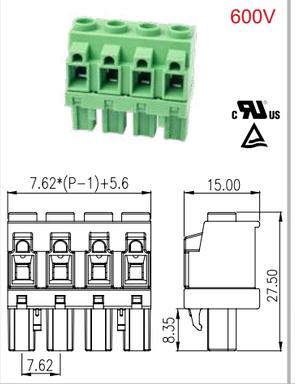
Socket

3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

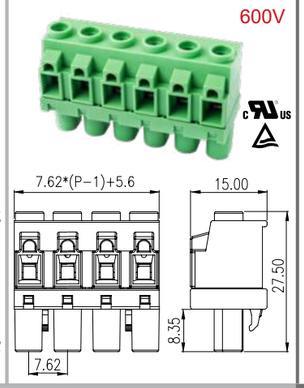
3ESNPS-XXP

600V



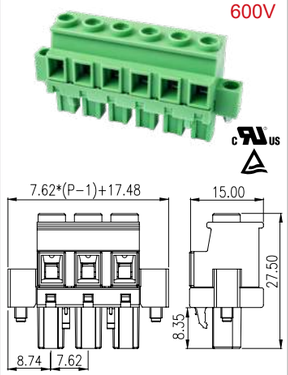
3ESNPLS-XXP

600V



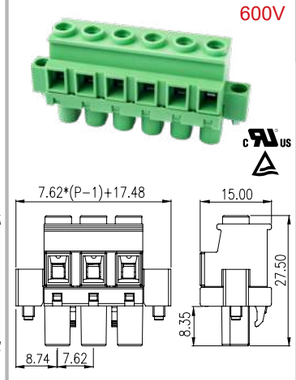
3ESNPM-XXP

600V



3ESNPLM-XXP

600V



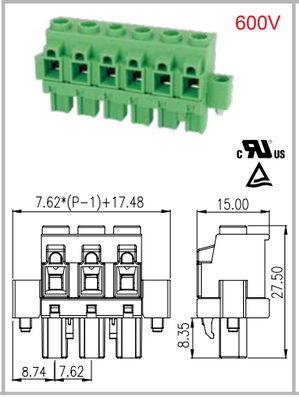
Socket

3EHDVM-XXP	P78
3EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

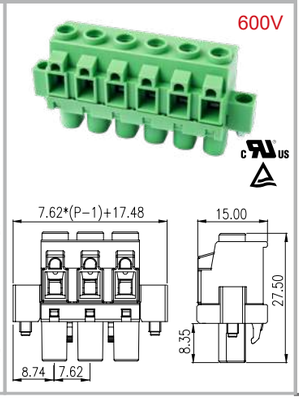
3ESNPSM-XXP

600V



3ESNPLSM-XXP

600V

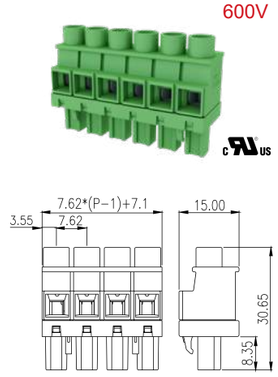


7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	25A	24A
Solid (AWG/mm²)	28~10	0.2~4
Flexible (AWG/mm²)	28~10	0.2~4
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	
ESDK2	P66	

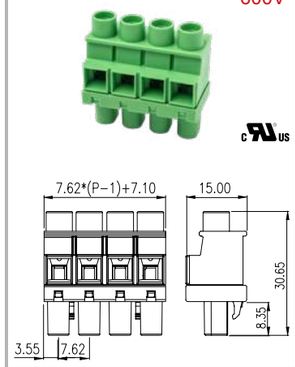
3ESNPH-XXP

600V



3ESNPHL-XXP

600V



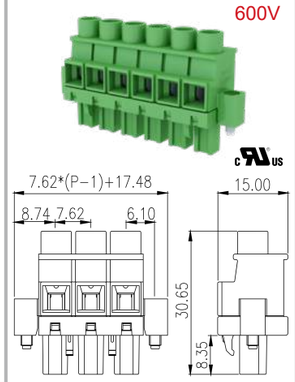
Socket

3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

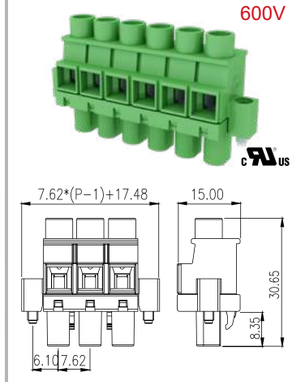
3ESNPHM-XXP

600V



3ESNPHLM-XXP

600V



Socket

3EHDVM-XXP	P78
3EHDRM-XXP	P78

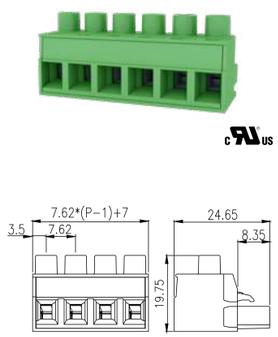
Please refer to the related page number for the compatible headers.

7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	25A	24A
Solid (AWG/mm²)	28~10	0.2~4
Flexible (AWG/mm²)	28~10	0.2~4
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	

3ESNVH-XXP

600V



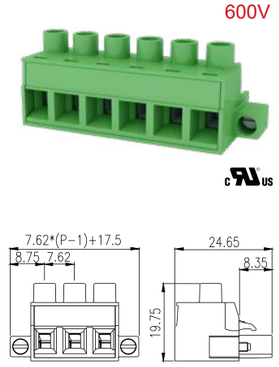
Socket

3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

3ESNVHM-XXP

600V



Socket

3EHDVM-XXP	P78
3EHDRM-XXP	P78

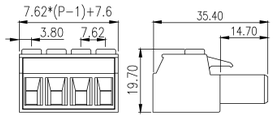
Please refer to the related page number for the compatible headers.

7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	41A	41A
Solid (AWG/mm2)	30~8	0.2~6
Flexible (AWG/mm2)	30~8	0.2~6
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	10~11mm	
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	

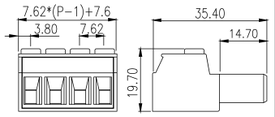
EC762HV-XXP

600V



EC762HVN-XXP

600V

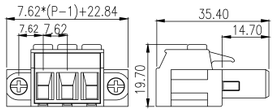


Socket	
ECH762V-XXP	P79
ECH762R-XXP	P79
ECH762RR-XXP	P79
ECH762HR-XXP	P79
ECH762HRR-XXP	P79

Please refer to the related page number for the compatible headers.

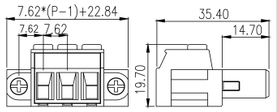
EC762HVM-XXP

600V



EC762HVNM-XXP

600V



Socket	
ECH762VM-XXP	P79
ECH762RM-XXP	P79
ECH762RRM-XXP	P79
ECH762RTM-XXP	P79
ECH762VTM-XXP	P79
ECH762HRM-XXP	P79

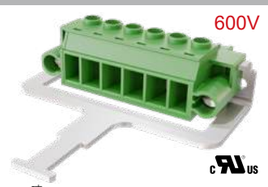
Please refer to the related page number for the compatible headers.

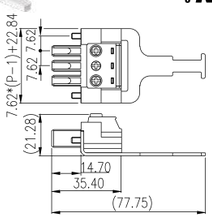
7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	41A	41A
Solid (AWG/mm2)	30~8	0.2~6
Flexible (AWG/mm2)	30~8	0.2~6
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~04P&07P		
Accessories		
ESDK2	P65	

EC762HLNM-XXP

600V



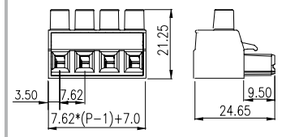


7.62mm

Technical Data	UL	IEC
Rated voltage	600V	630V
Rated current	25A	32A
Solid (AWG/mm²)	20~10	0.2~6
Flexible (AWG/mm²)	20~10	0.2~6
Rated impulse voltage		6KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	8~9mm	
Number of Positions		
0183-01XX	02~12P	
0183-01XXTXX	03~12P	

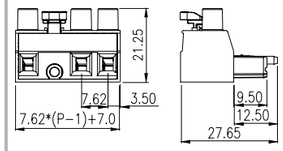
0183-01XX

600V



0183-01XXTXX

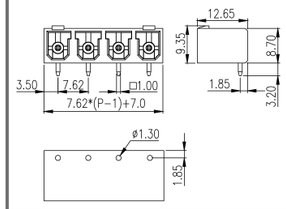
600V



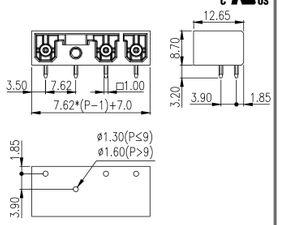
7.62mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	25A	32A
Rated impulse voltage		6KV
Number of Positions		
0183-11XX	02~12P	
0183-11XXTXX	03~12P	

0183-11XX



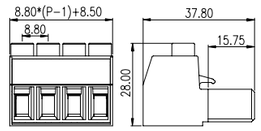
0183-11XXTXX



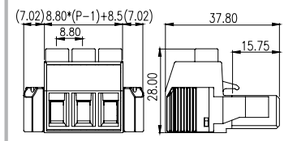
8.80mm

Technical Data	UL	IEC
Rated voltage	600V	750V
Rated current	65A	57A
Solid (AWG/mm²)	20~6	0.5~10
Flexible (AWG/mm²)	20~6	0.5~10
Rated impulse voltage		8KV
Torque (N-m)	1.8	
Screw	M4	
Wire strip length	8~9mm	
Number of Positions		
02~12P		

EC880HV-XXP



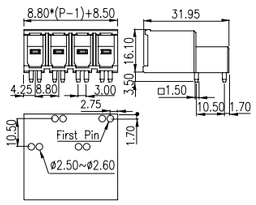
EC880HVT-XXP



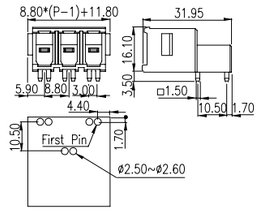
8.80mm

Technical Data	UL	IEC
Rated voltage	600V	750V
Rated current	65A	57A
Rated impulse voltage		8KV
Number of Positions		
02~12P		

ECH880HR-XXP



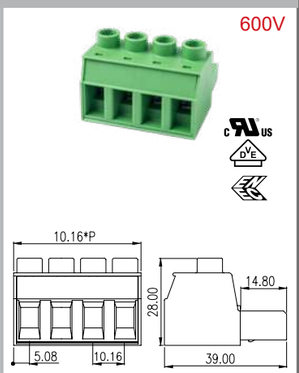
ECH880RT-XXP



10.16mm EC116V-XXP

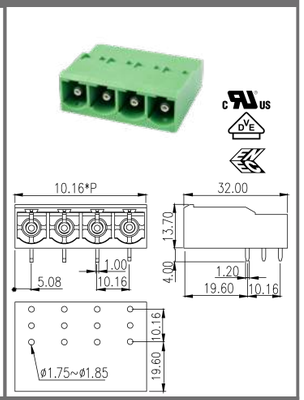
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm²)	16~6	0.5~16
Flexible (AWG/mm²)	16~6	0.5~16
Rated impulse voltage		8KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	

600V

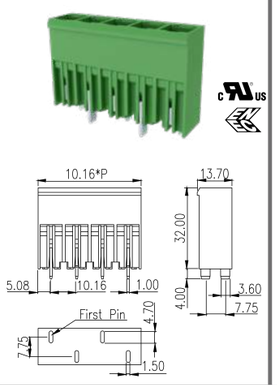


10.16mm ECH116R-XXP

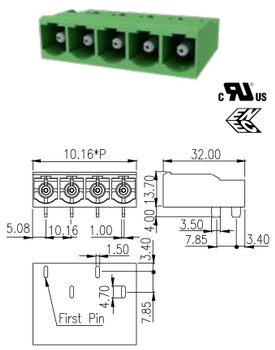
Technical Data	UL	IEC
Rated voltage		
ECH116R-XXP	300V	1000V
ECH116V-XXP		
ECH116L-XXP		
ECH116HVS-XXP	600V	
ECH116HRS-XXP		
Rated current	51A	76A
Rated impulse voltage		8KV
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	



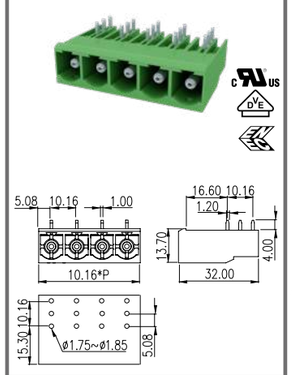
ECH116HVS-XXP



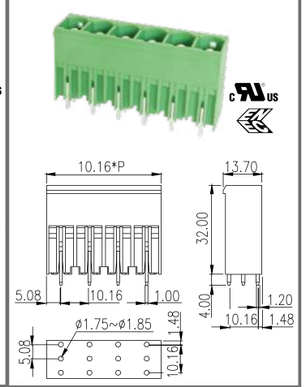
ECH116HRS-XXP



ECH116L-XXP



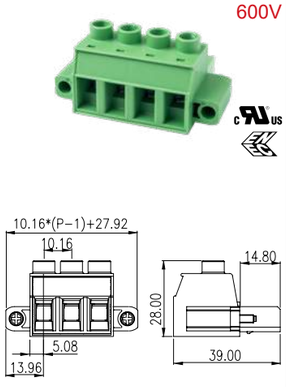
ECH116V-XXP



10.16mm EC116VM-XXP

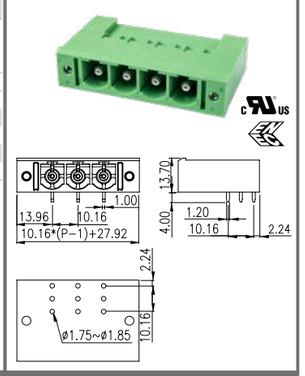
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm²)	16~6	0.5~16
Flexible (AWG/mm²)	16~6	0.5~16
Rated impulse voltage		8KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~08P		
Accessories		
ECHK2	P66	

600V

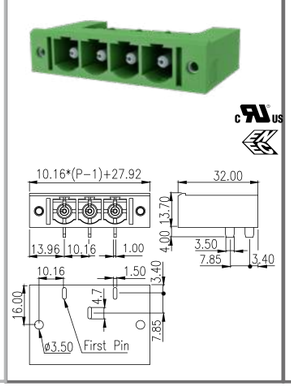


10.16mm ECH116RM-XXP

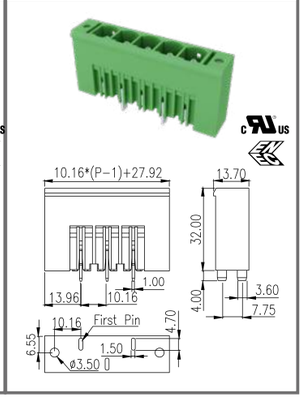
Technical Data	UL	IEC
Rated voltage		
ECH116RM-XXP	300V	1000V
ECH116HVSM-XXP	600V	
ECH116HRSM-XXP		
Rated current	51A	76A
Rated impulse voltage		8KV
Number of Positions		
02~08P		
Accessories		
ECHK2	P66	



ECH116HRSM-XXP



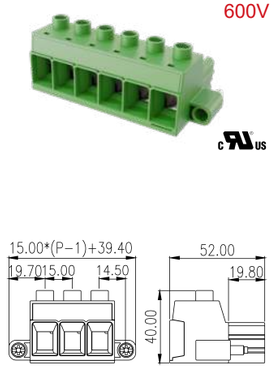
ECH116HVSM-XXP



15.00mm EC150VM-XXP

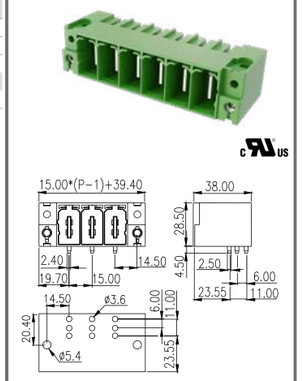
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Solid (AWG/mm2)	20~2	0.5~35
Flexible (AWG/mm2)	20~2	0.5~35
Rated impulse voltage		8KV
Torque (N-m)	2.5~4	
Screw	M5	
Wire strip length	19~20mm	
Number of Positions		
02~08P		

600V

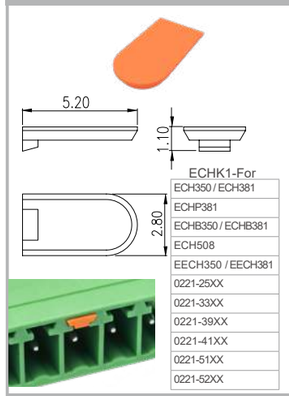


15.00mm ECH150RM-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Rated impulse voltage		8KV
Number of Positions		
02~08P		



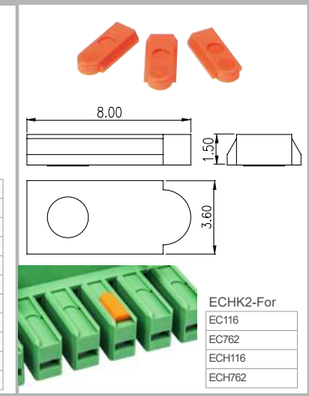
ECHK1



ECHK1-For

ECH350 / ECH381
ECHP381
ECHB350 / ECHB381
ECH508
EECH350 / EECH381
0221-25XX
0221-33XX
0221-39XX
0221-41XX
0221-51XX
0221-52XX

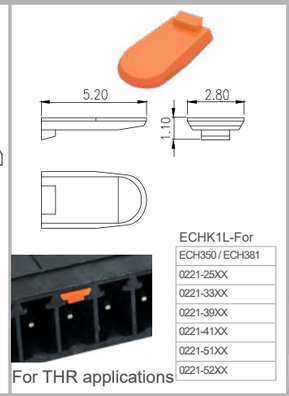
ECHK2



ECHK2-For

EC116
EC762
ECH116
ECH762

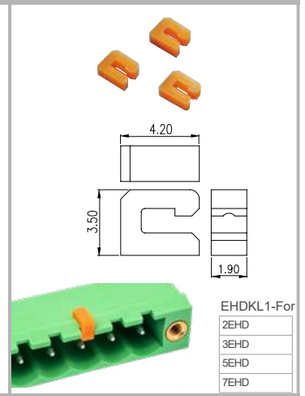
ECHK1L



ECHK1L-For

ECH350 / ECH381
0221-25XX
0221-33XX
0221-39XX
0221-41XX
0221-51XX
0221-52XX

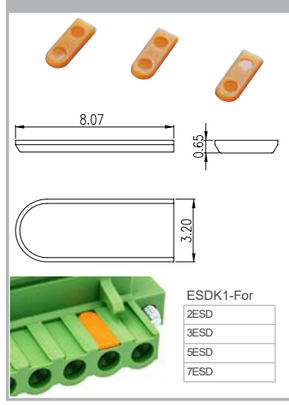
EHDK1



EHDKL1-For

2EHD
3EHD
5EHD
7EHD

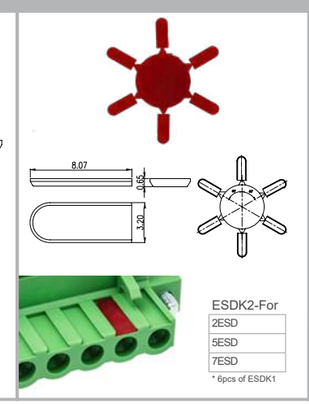
ESDK1



ESDK1-For

2ESD
3ESD
5ESD
7ESD

ESDK2

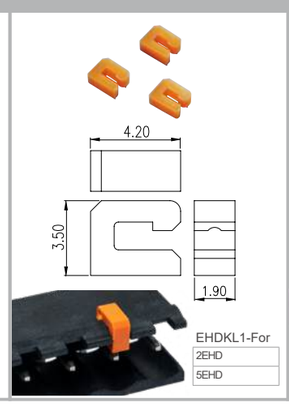


ESDK2-For

2ESD
5ESD
7ESD

* 6pcs of ESDK1

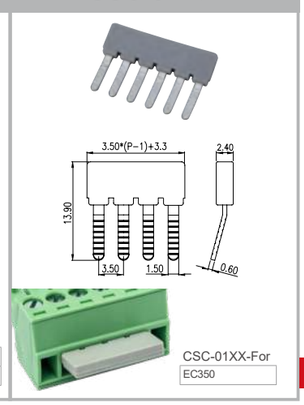
EHDK1L



EHDKL1-For

2EHD
5EHD

CSC-01XX

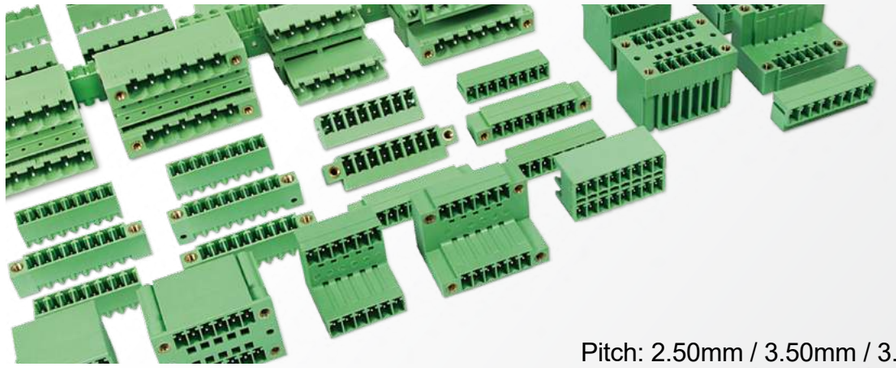


CSC-01XX-For

EC350

DINKLE Delight Through Connections

PCB Sockets



Materials: General engineering insulation for wave soldering process temperature withstand insulation for reflow soldering process

Pin lengths: Standard length 3.5mm for wave soldering process
Through-hole reflow (THR) version socket is available, standard pin length 2.6mm.
(The last suffix “L” represents THR version.)

Pitch: 2.50mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 7.50mm / 7.62mm
UL Rated: 150V / 4A, 300V / 8A, 300V / 15A, 300V / 30A, 600V / 30A
IEC Rated: 320V / 4A ~ 1000V / 41A

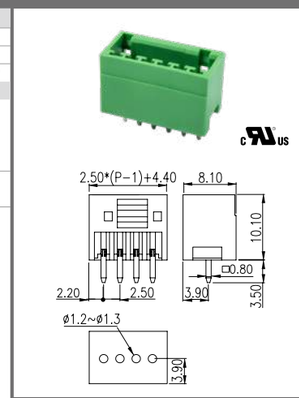
- Single & double level and single & double row sockets for options
- Horizontal, vertical and 45 degrees plug-in direction
- with screw flange and lock flange versions.

2.50mm

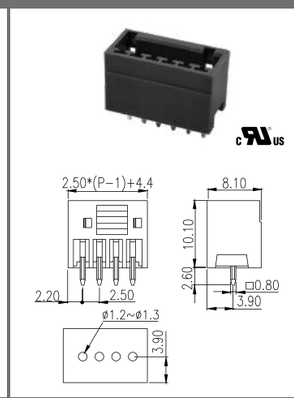
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	4A	4A
Rated impulse voltage		2.5KV
Number of Positions		
ECH250V-XXP	02~24P	
ECH250R-XXP		
ECH250V-XXPL		
ECH250R-XXPL		
ECHB250V-XXP	04~48P	
ECHB250R-XXP		

* The last suffix "L" of part number represents THR version

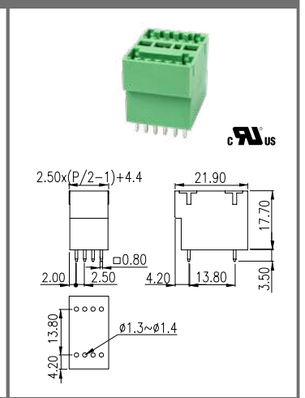
ECH250V-XXP



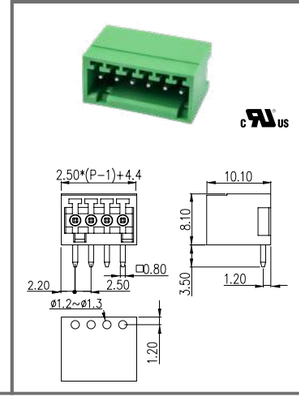
ECH250V-XXPL



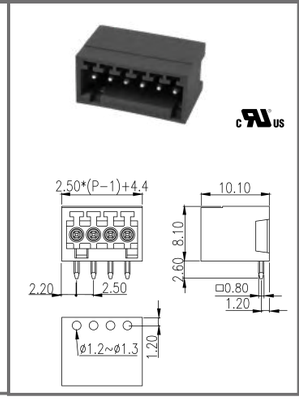
ECHB250V-XXP



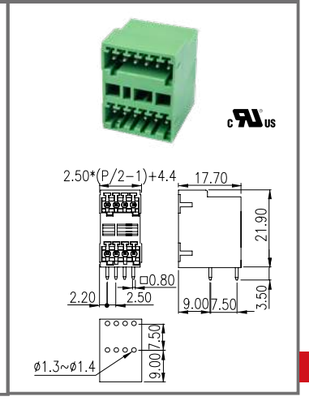
ECH250R-XXP



ECH250R-XXPL



ECHB250R-XXP

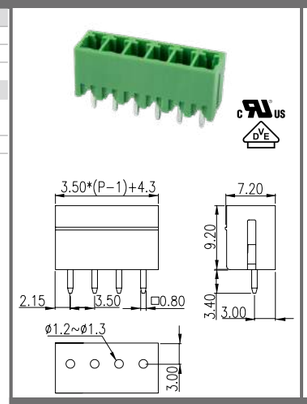


3.50mm

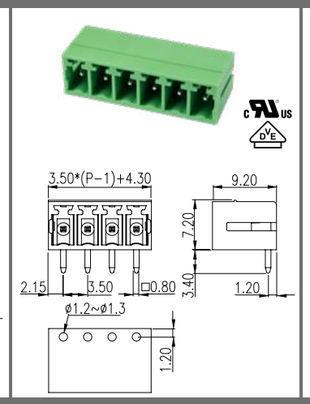
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
ECH350RG-XXP	02~10P	
ECHG1-XXP		
ECH350H-XXP	02~18P	
ECH350V-XXP	02~24P	
ECH350VD-XXP		
ECH350R-XXP		
ECH350RD-XXP		
ECH350RR-XXP		
ECH350VJ-XXPL		
ECH350V-XXPL		
ECH350R-XXPL		
ECH350RR-XXPL		
ECH350RJ-XXP		
ECH350RJ-XXPL		
ECH350VM-XXP		
ECH350RM-XXP		
ECH350RRM-XXP		
ECH350VT-XXPL		
ECH350VM-XXPL		
ECH350RM-XXPL		
ECH350RRM-XXPL		
ECH350RT-XXPL		
EECH350V-XXP	04~32P	
ECHB350VM-XXP		
EECH350R-XXP		
ECHB350RM-XXP	04~36P	
EECH350VM-XXP	04~40P	
EECH350RM-XXP		
ECHB350V-XXP	04~44P	
ECHB350R-XXP		
Accessories		
ECHK1	P66	

* Applied with light pipe
* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

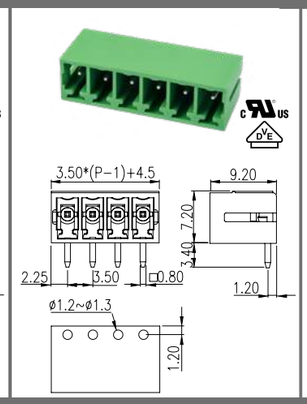
ECH350V-XXP



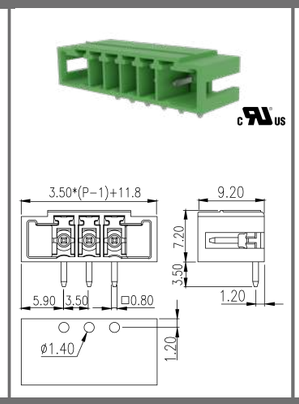
ECH350R-XXP



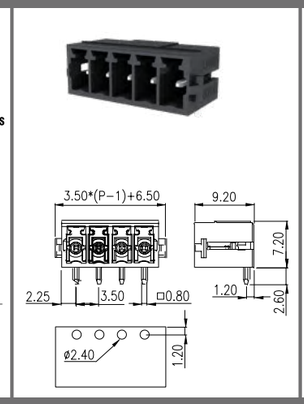
ECH350RR-XXP



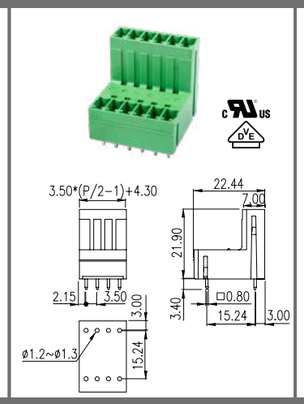
ECH350RJ-XXP



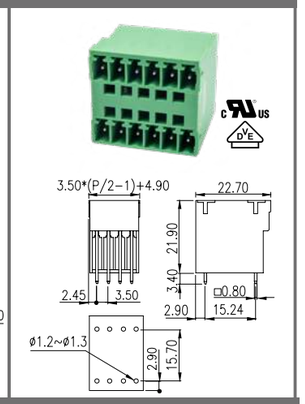
ECH350RT-XXPL



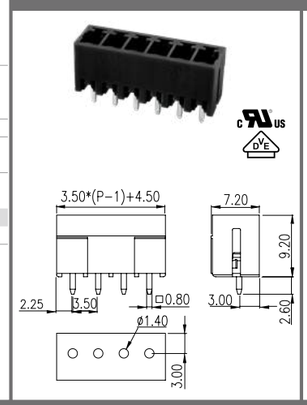
EECH350V-XXP



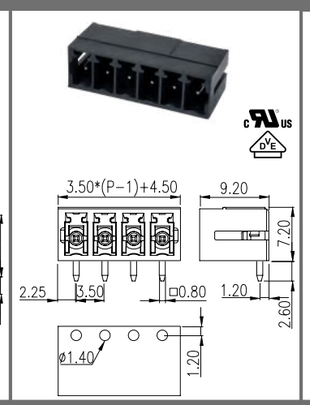
ECHB350V-XXP



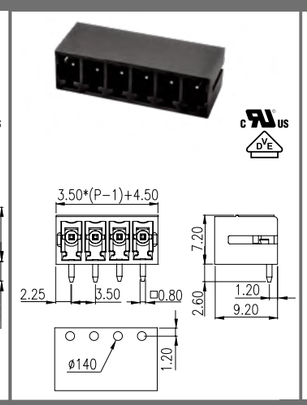
ECH350V-XXPL



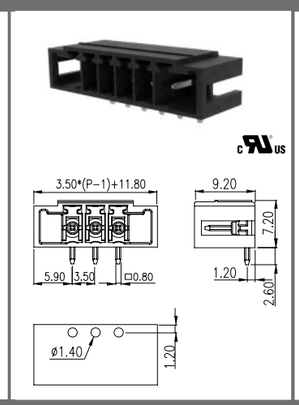
ECH350R-XXPL



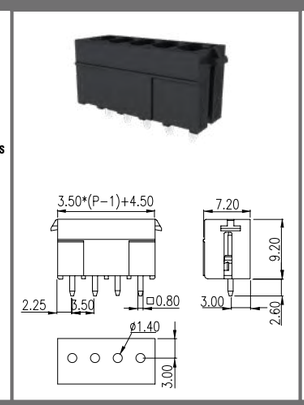
ECH350RR-XXPL



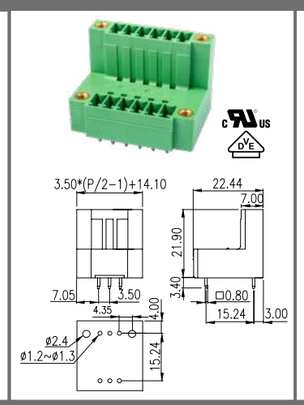
ECH350RJ-XXPL



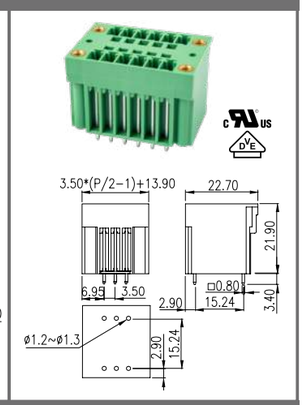
ECH350VT-XXPL



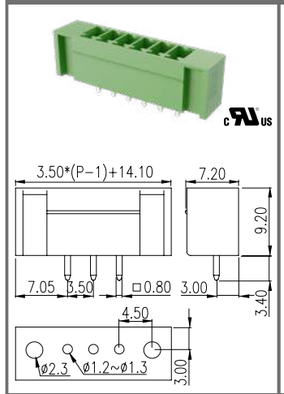
EECH350VM-XXP



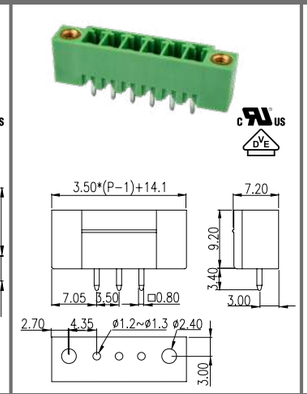
ECHB350VM-XXP



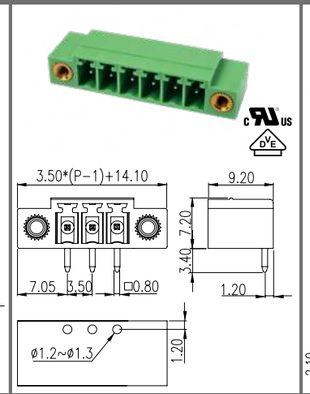
ECH350VD-XXP



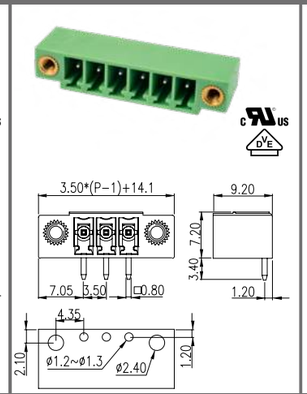
ECH350VM-XXP



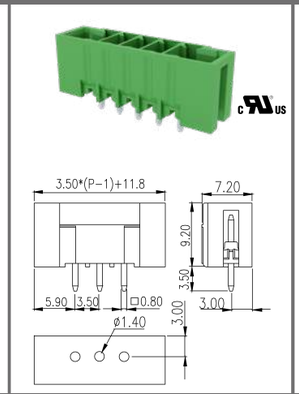
ECH350RM-XXP



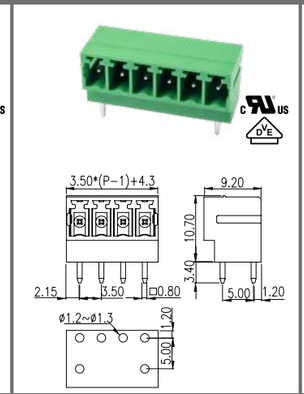
ECHB350RR-XXP



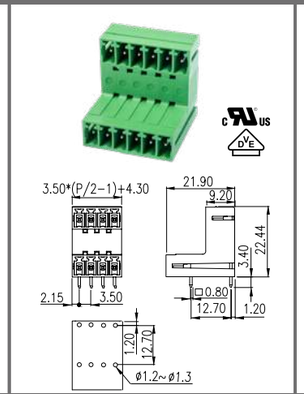
ECH350VJ-XXP



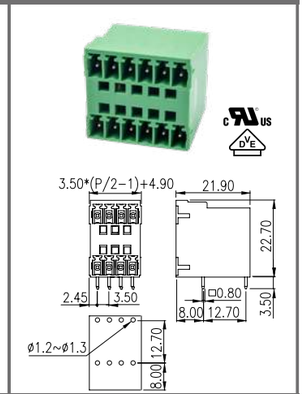
ECH350H-XXP



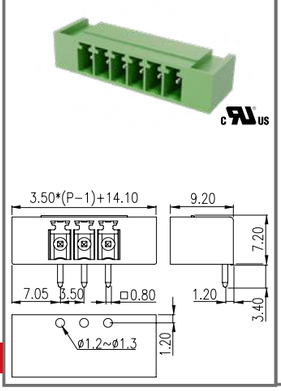
EECH350R-XXP



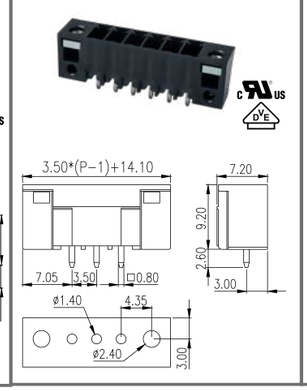
ECHB350R-XXP



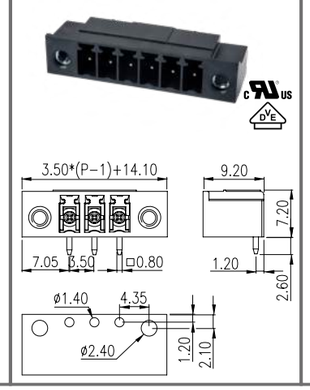
ECH350RD-XXP



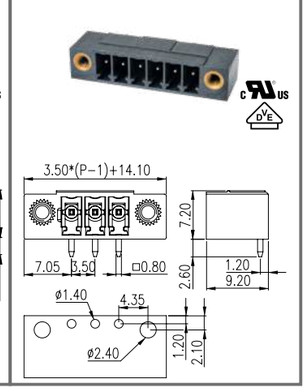
ECH350VM-XXPL



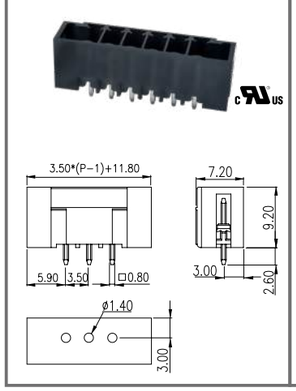
ECH350RM-XXPL



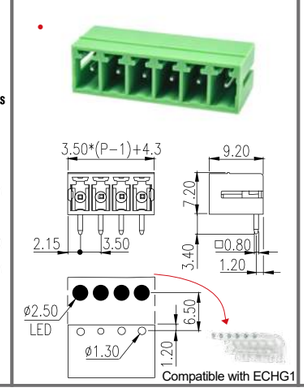
ECH350RRM-XXPL



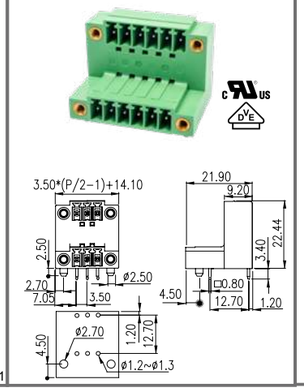
ECH350VJ-XXPL



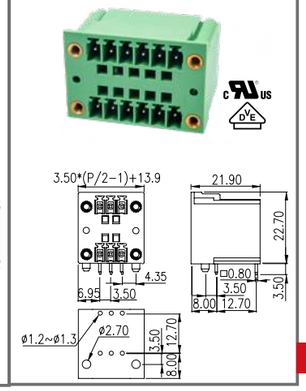
ECH350RG-XXP



EECH350RM-XXP



ECHB350RM-XXP

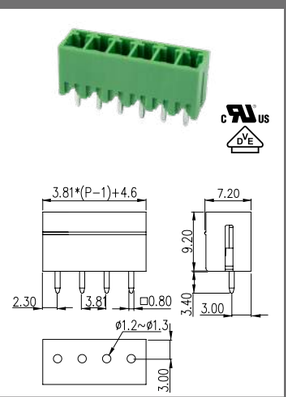


3.81mm

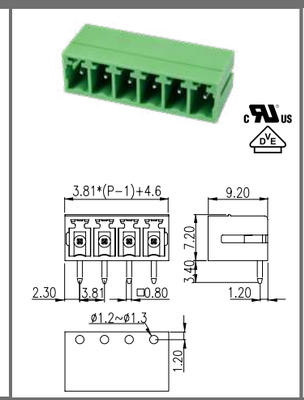
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
ECH381H-XXP	02~18P	
ECH381V-XXP	02~24P	
ECH381VD-XXP		
ECH381R-XXP		
ECH381RD-XXP		
ECH381RR-XXP		
ECH381A-XXP		
ECH381V-XXPL		
ECH381R-XXPL		
ECH381RR-XXPL		
ECH381AM-XXP		
ECH381VM-XXP		
ECH381RM-XXP		
ECH381RRM-XXP		
ECH381VJ-XXP		
ECH381VJ-XXPL		
ECH381VM-XXPL		
ECH381RM-XXPL		
ECH381RRM-XXPL		
ECH381RJ-XXP		
ECH381RJ-XXPL		
ECHB381VM-XXP	04~32P	
EECH381VM-XXP		
ECHB381RM-XXP		
EECH381RM-XXP		
ECHB381V-XXP	04~36P	
EECH381V-XXP		
ECHB381R-XXP		
EECH381R-XXP		
ECHB381RRD-XXP	04~48P	
Accessories		
ECHK1	P66	

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

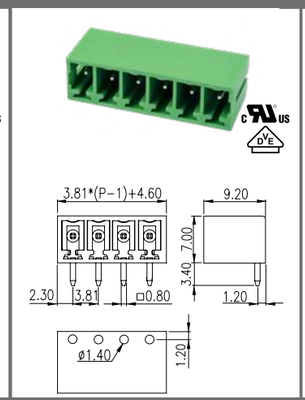
ECH381V-XXP



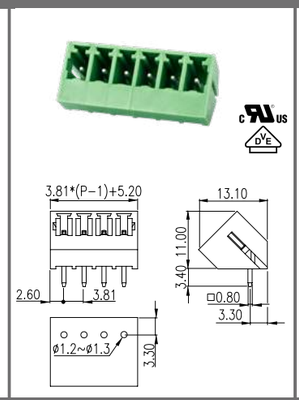
ECH381R-XXP



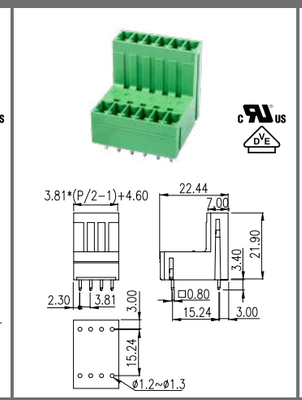
ECH381RR-XXP



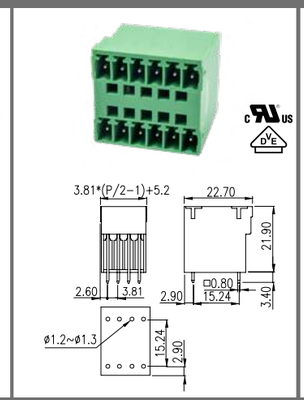
ECH381A-XXP



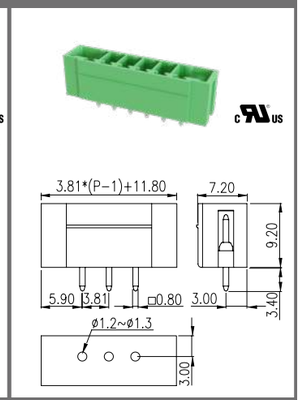
EECH381V-XXP



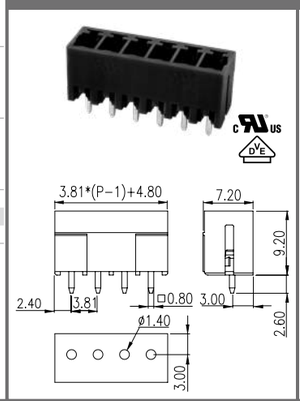
ECHB381V-XXP



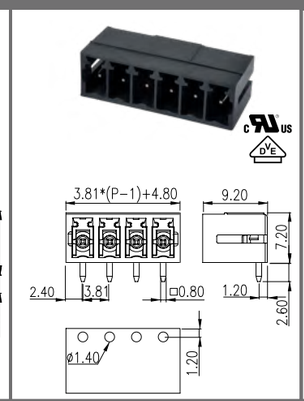
ECH381VJ-XXP



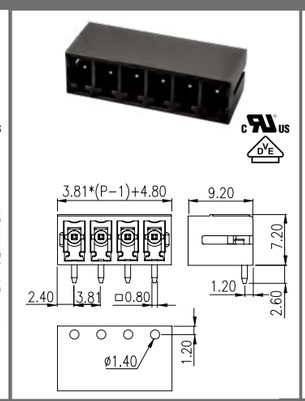
ECH381V-XXPL



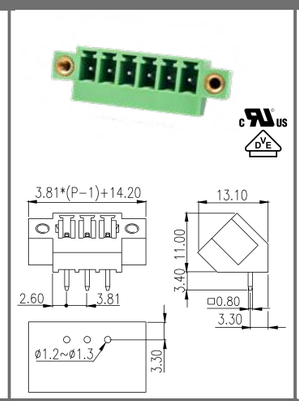
ECH381R-XXPL



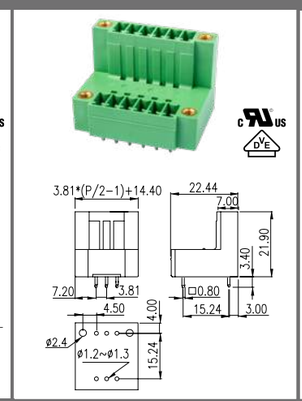
ECH381RR-XXPL



ECH381AM-XXP



EECH381VM-XXP



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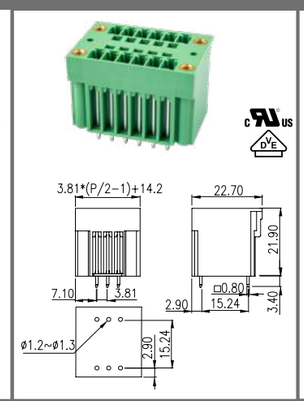
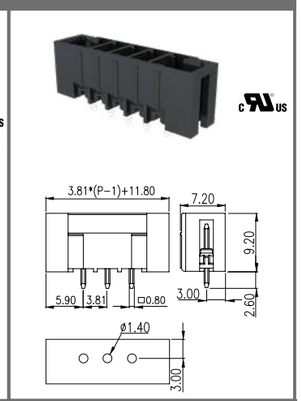
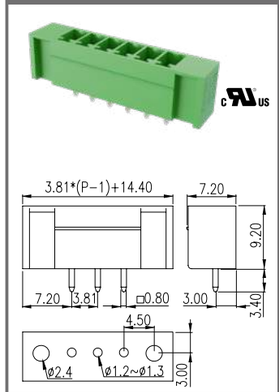


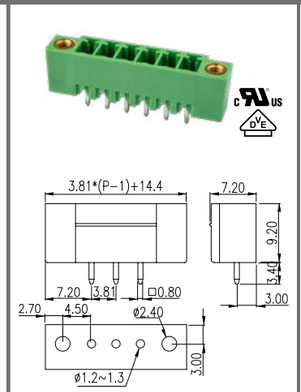
ECH381VJ-XXPL



ECH381VD-XXP



ECH381VM-XXP



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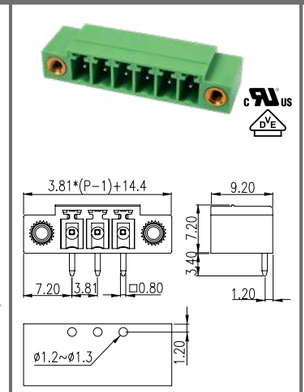

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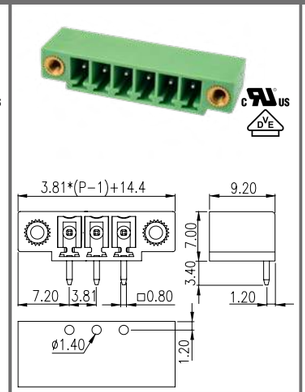
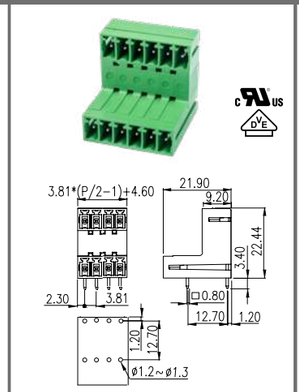
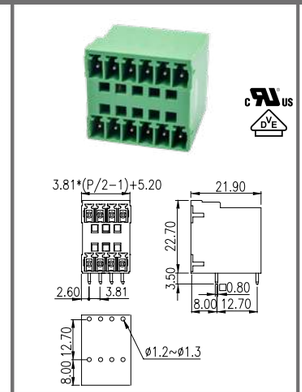


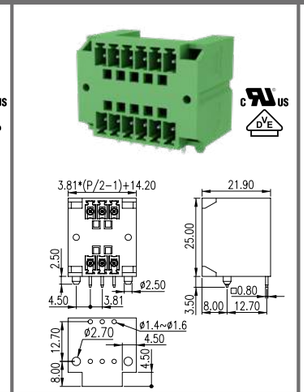
EECH381R-XXP



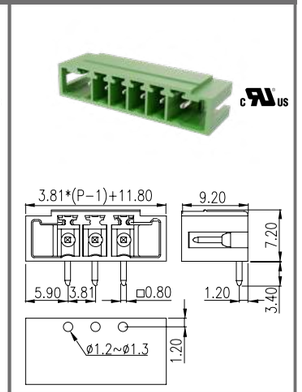
ECHB381R-XXP



ECHB381RRD-XXP



ECH381RJ-XXP



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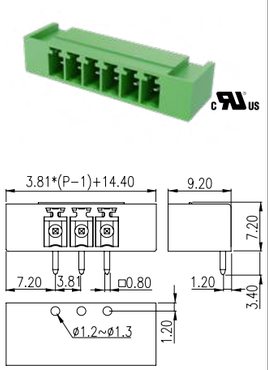
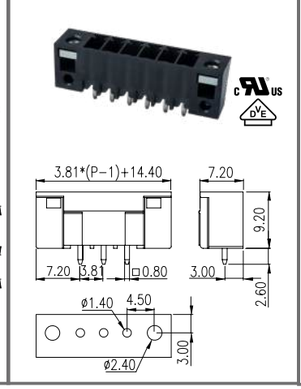
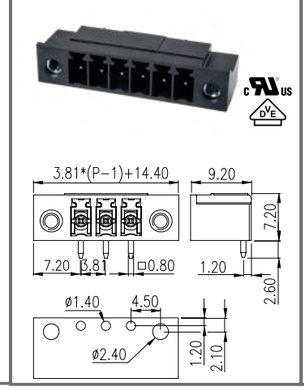


ECH381VM-XXPL



ECH381RM-XXPL



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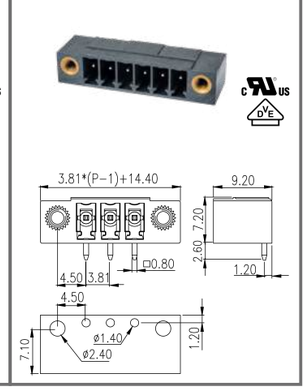
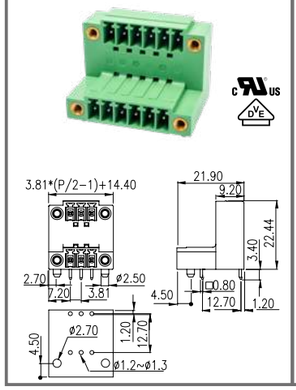
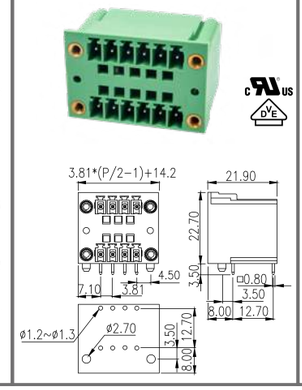


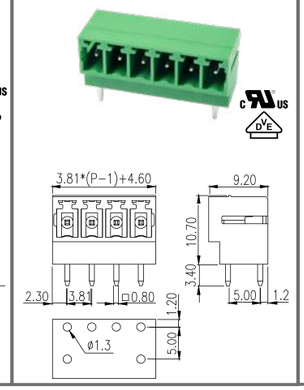
EECH381RM-XXP



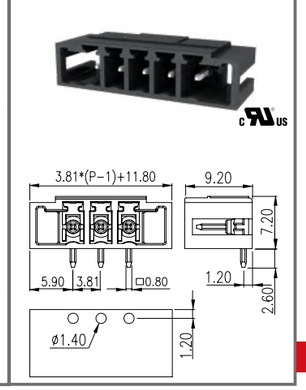
ECHB381RM-XXP



ECH381H-XXP



ECH381RJ-XXPL

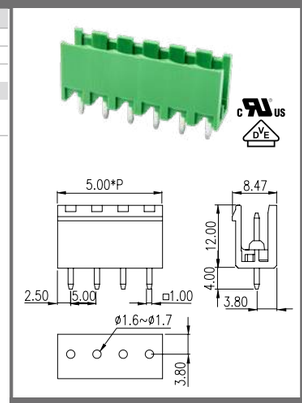


5.00mm

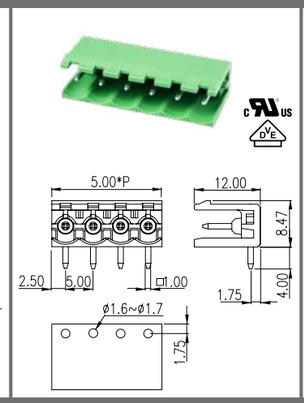
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
5EHDRR-XXP	02~13P	
5EHDRRC-XXP		
5EHDV-XXP	02~24P	
5EHDV-XXPL		
5EHDVC-XXP		
5EHDVC-XXPL		
5EHDVG-XXP		
5EHDR-XXP		
5EHDR-XXPL		
5EHDRC-XXP		
5EHDRC-XXPL		
5EHDRG-XXP		
5EHDRR-XXPL		
5EHDRRC-XXPL		
5EHDVM-XXP		
5EHDVM-XXPL		
5EHDRM-XXP		
5EHDRM-XXPL		
5EHDRRM-XXPL		
5EEHDVM-XXP	04~24P	
5EEHDRM-XXP		
5EHDBVM-XXP	04~36P	
5EHDBRM-XXP		
5EHDBV-XXP	04~40P	
5EHDBR-XXP		
5EEHDHVC-XXPL	04~48P	
5EEHDV-XXP	04~56P	
5EEHDR-XXP		
Accessories		
EHDK1	P66	

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

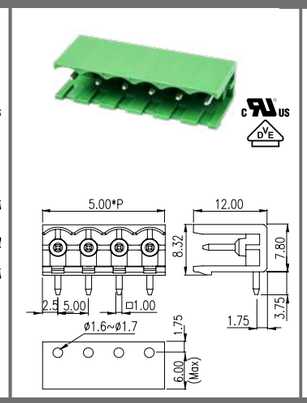
5EHDV-XXP



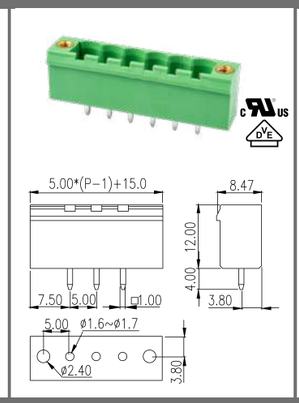
5EHDR-XXP



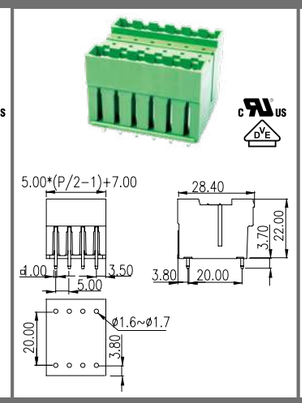
5EHDRR-XXP



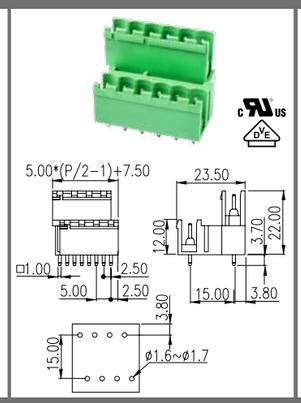
5EHDVM-XXP



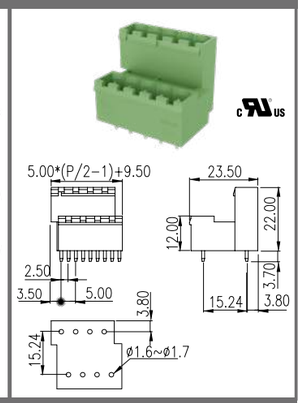
5EHDBV-XXP



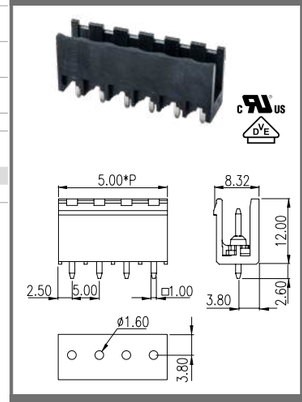
5EEHDV-XXP



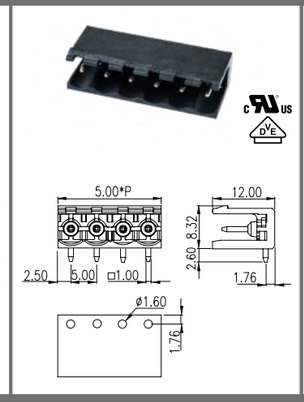
5EEHDVC-XXP



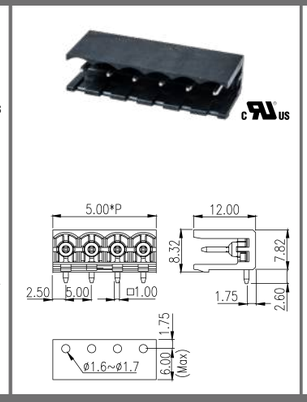
5EHDV-XXPL



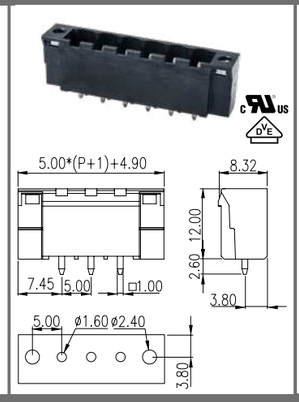
5EHDR-XXPL



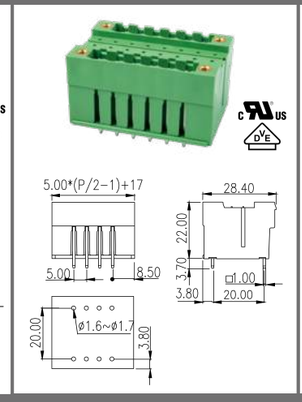
5EHDRR-XXPL



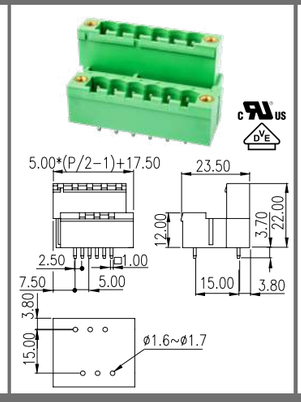
5EHDVM-XXPL



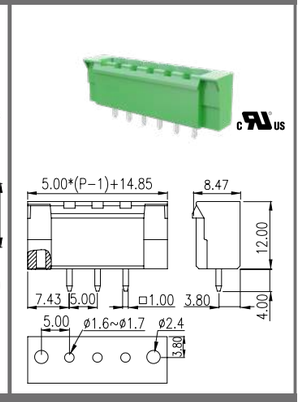
5EHDBVM-XXP



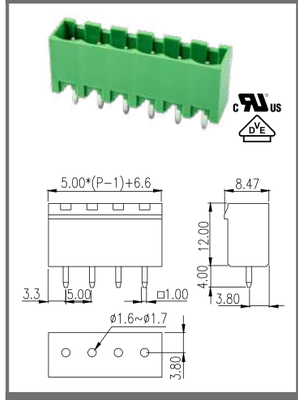
5EEHDVM-XXP



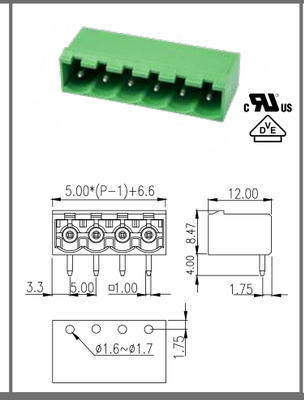
5EHDVG-XXP



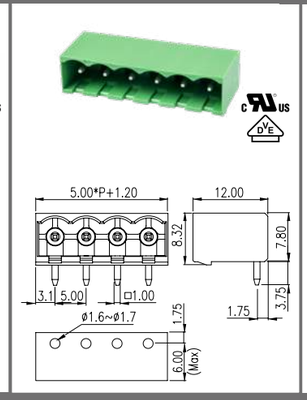
5EHDVC-XXP



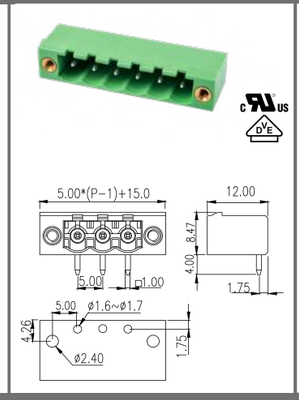
5EHDRC-XXP



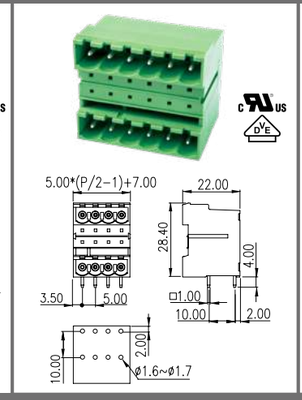
5EHDRRC-XXP



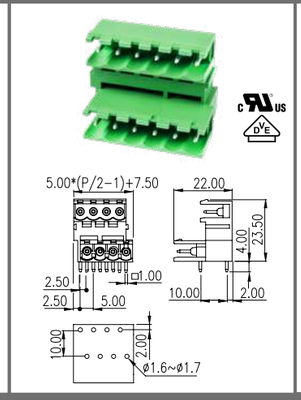
5EHDRM-XXP



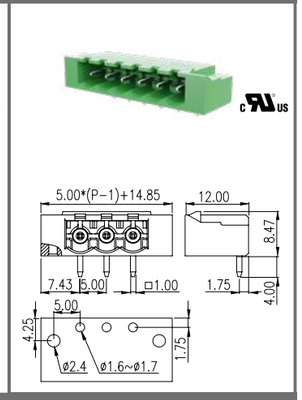
5EHDBR-XXP



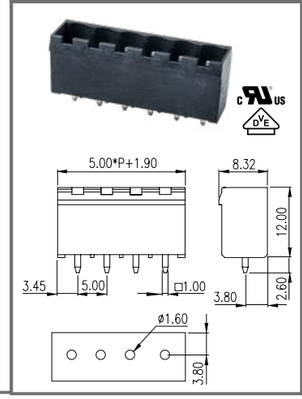
5EEHDR-XXP



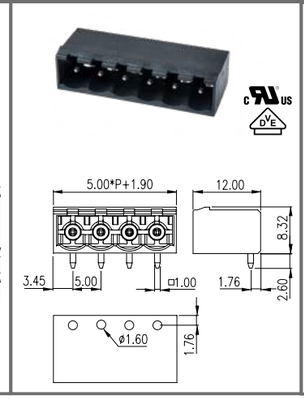
5EHDRG-XXP



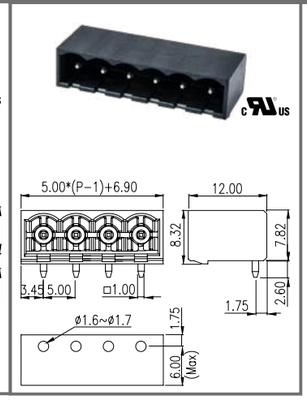
5EHDVC-XXPL



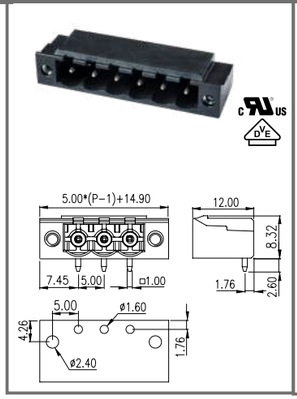
5EHDRC-XXPL



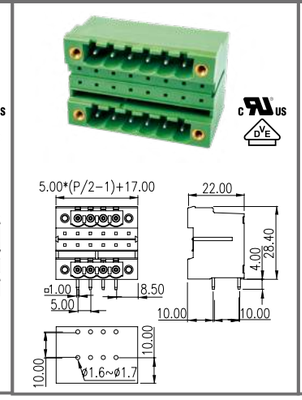
5EHDRRC-XXPL



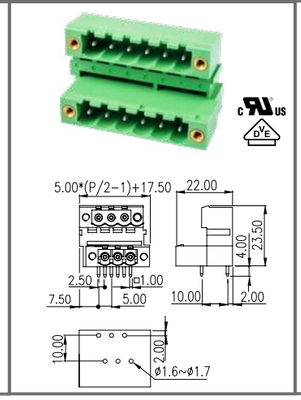
5EHDRM-XXPL



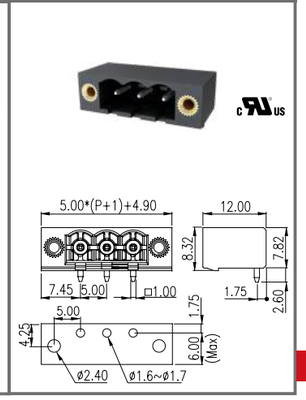
5EHDBRM-XXP



5EEHDRM-XXP



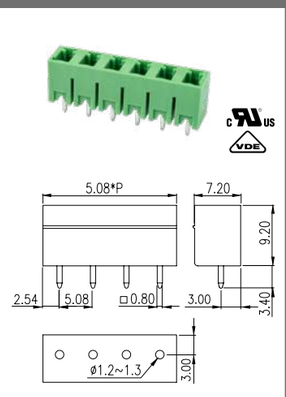
5EHDRRM-XXPL



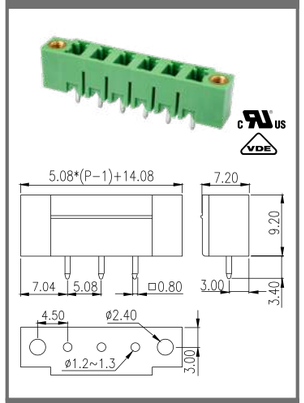
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	12A	14A
Rated impulse voltage		4KV
Number of Positions		
02~24P		
Accessories		
EHDK1	P65	

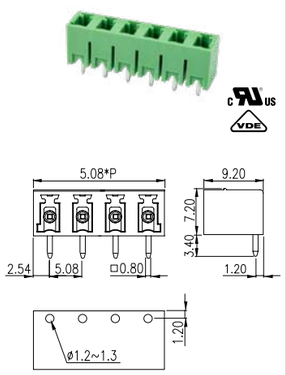
ECH508V-XXP



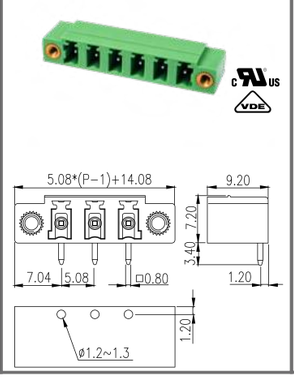
ECH508VM-XXP



ECH508R-XXP



ECH508RM-XXP

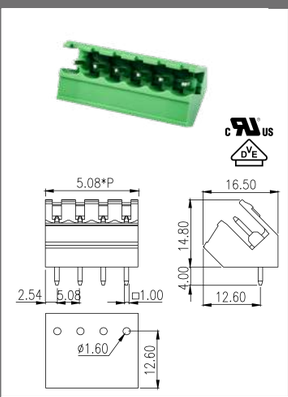


5.08mm

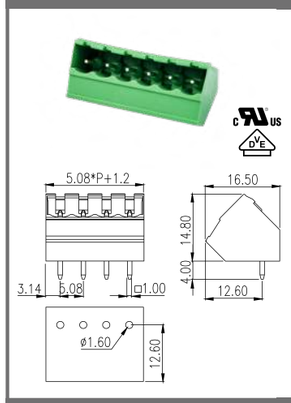
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	20A	18A
Rated impulse voltage		4KV
Number of Positions		
02~24P		
Accessories		
EHDK1	P66	

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

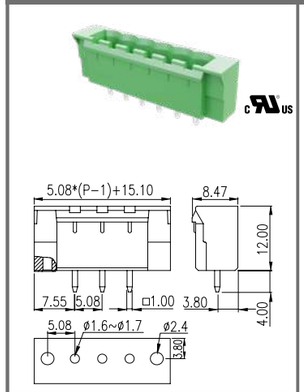
2EHDA-XXP



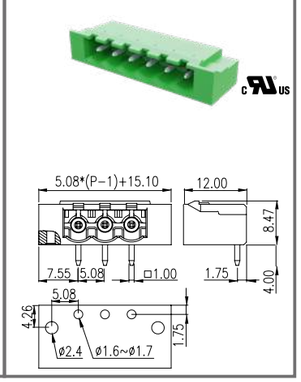
2EHDAC-XXP



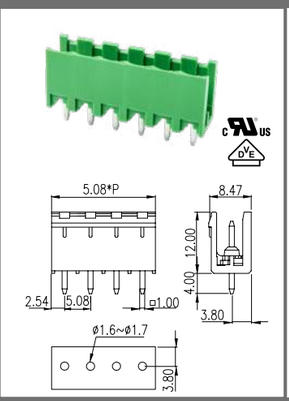
2EHDVG-XXP



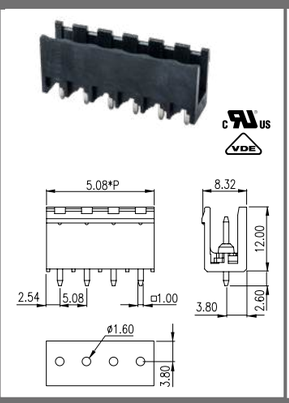
2EHDRG-XXP



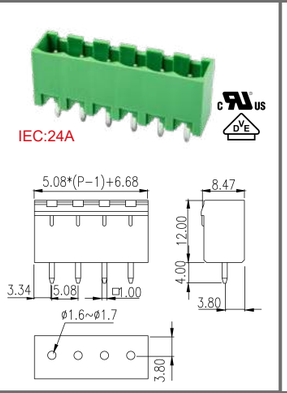
2EHDV-XXP



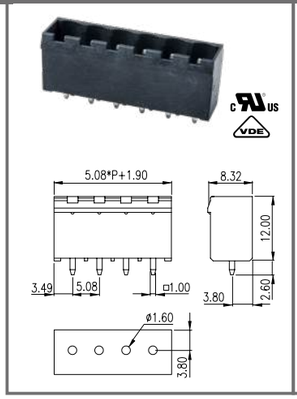
2EHDV-XXPL



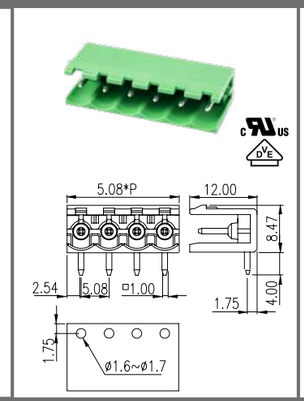
2EHDVC-XXP



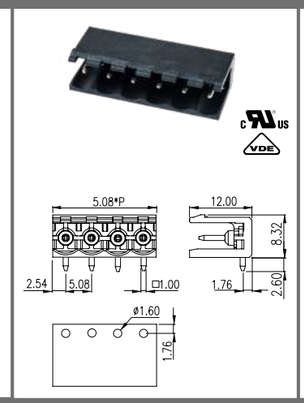
2EHDVC-XXPL



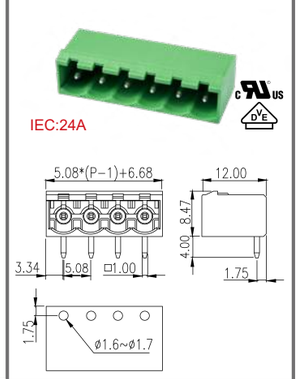
2EHDR-XXP



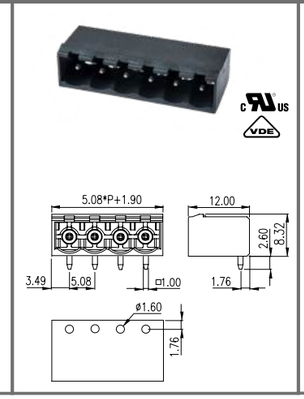
2EHDR-XXPL



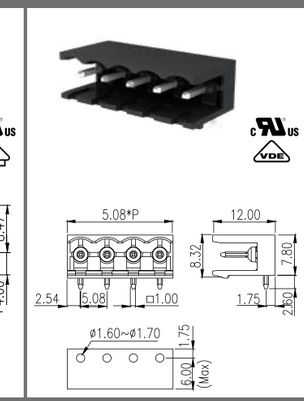
2EHDRC-XXP



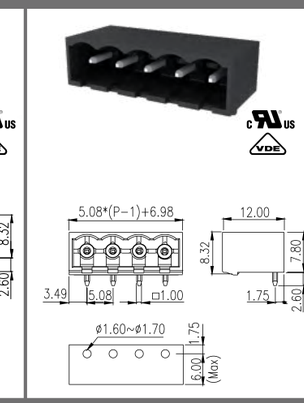
2EHDRC-XXPL



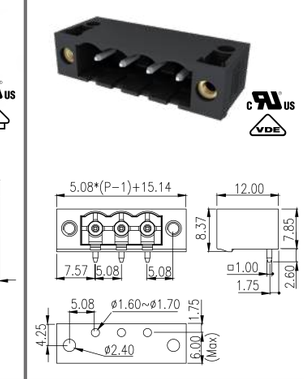
2EHDRR-XXPL



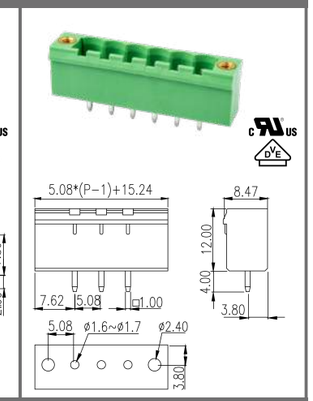
2EHDRRC-XXPL



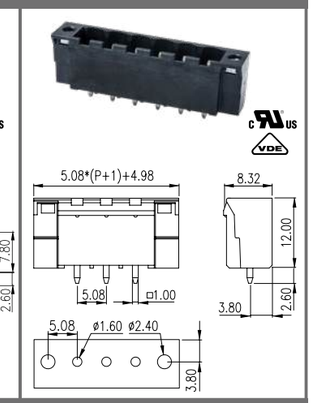
2EHDRRM-XXPL



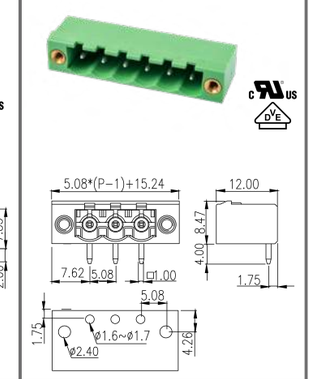
2EHDVM-XXP



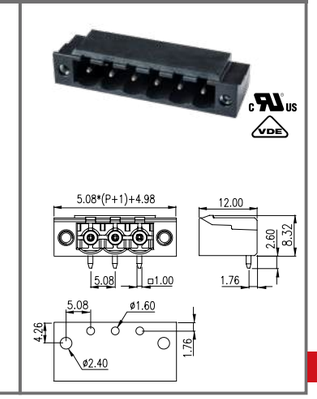
2EHDVM-XXPL



2EHDRM-XXP



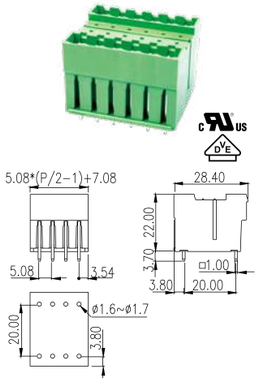
2EHDRM-XXPL



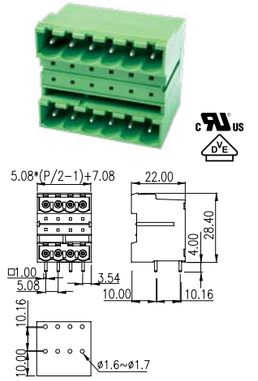
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
2EHDBVM-XXP	04~44P	
2EHDBRM-XXP		
2EHDBV-XXP	04~48P	
2EHDBR-XXP		
2EEHDV-XXP		
2EEHDVM-XXP		
2EEHDR-XXP		
2EEHDRM-XXP		
Accessories		
EHDK1	P65	

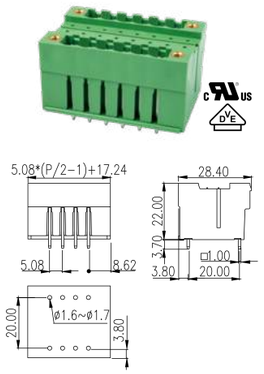
2EHDBV-XXP



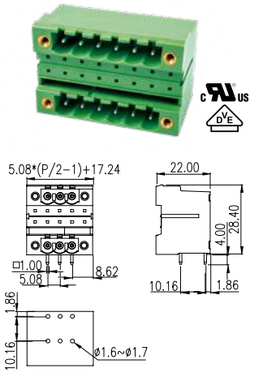
2EHDBR-XXP



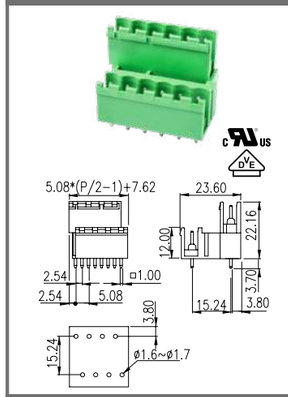
2EHDBVM-XXP



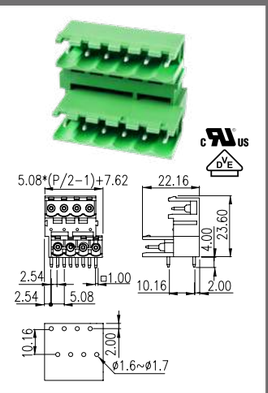
2EHDBRM-XXP



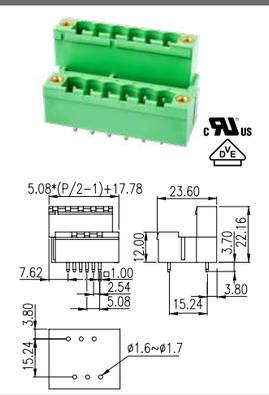
2EEHDV-XXP



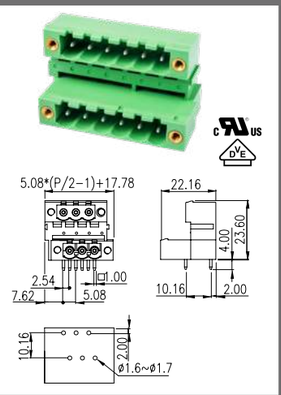
2EEHDR-XXP



2EEHDVM-XXP



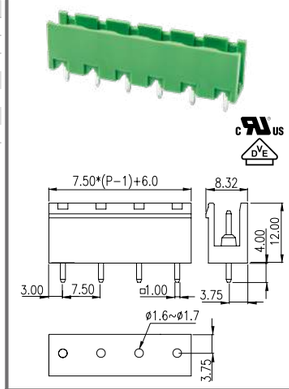
2EEHDRM-XXP



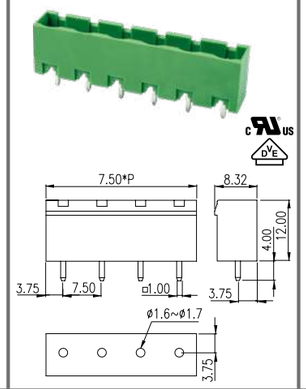
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Rated impulse voltage		6KV
Number of Positions		
02~12P		
Accessories		
EHDK1	P65	

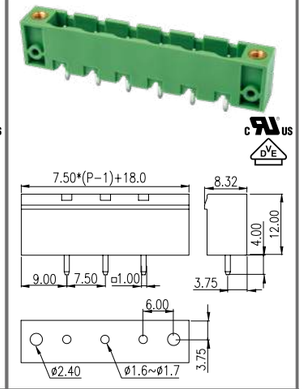
7EHDV-XXP



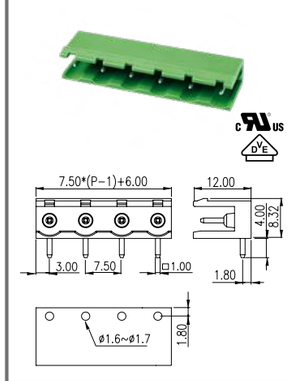
7EHDVC-XXP



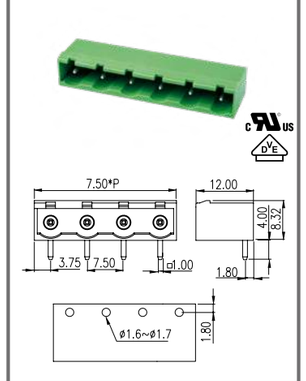
7EHDVM-XXP



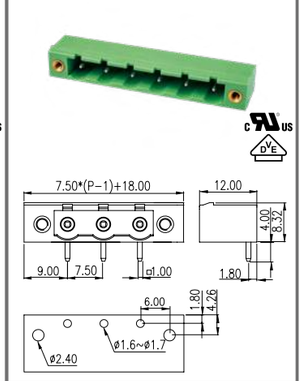
7EHDR-XXP



7EHDRC-XXP



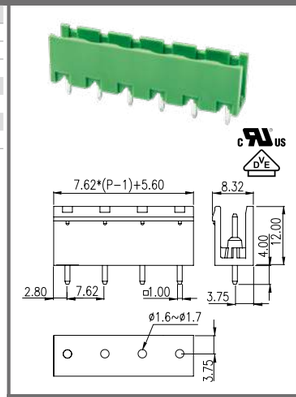
7EHDRM-XXP



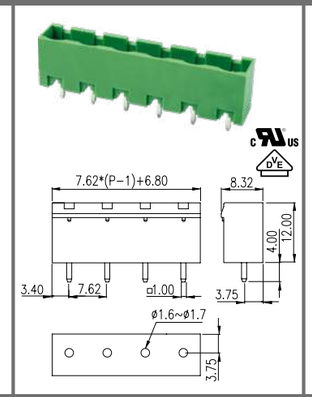
7.62mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	25A	18A
Rated impulse voltage		6KV
Number of Positions		
02~14P		
Accessories		
EHDK1	P65	

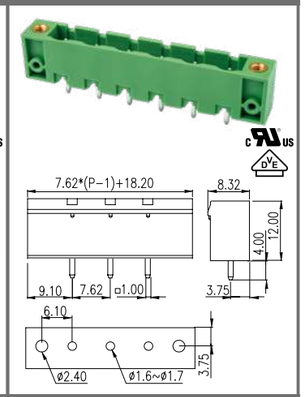
3EHDV-XXP



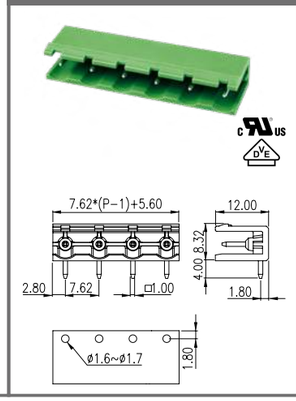
3EHDVC-XXP



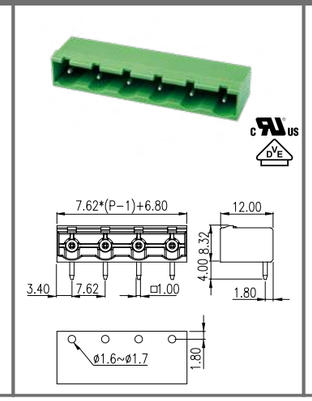
3EHDVM-XXP



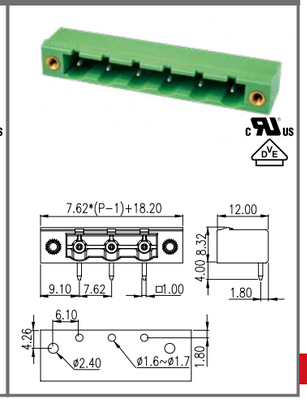
3EHDR-XXP



3EHDRC-XXP



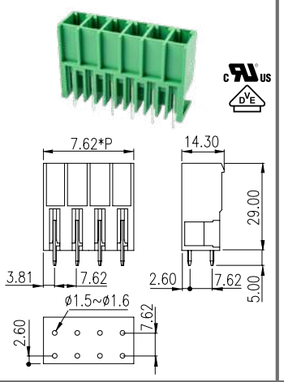
3EHDRM-XXP



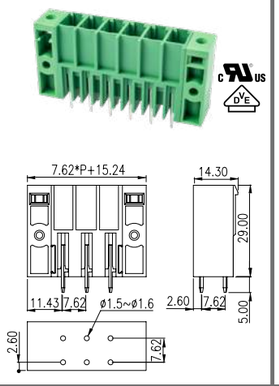
7.62mm

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	30A	41A
Rated impulse voltage		8KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	

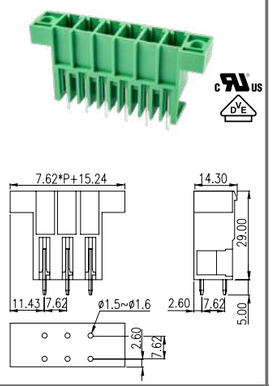
ECH762V-XXP



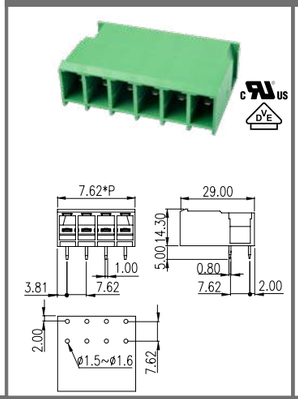
ECH762VM-XXP



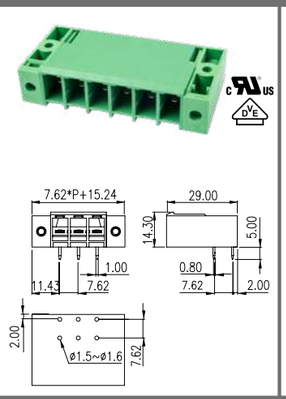
ECH762VTM-XXP



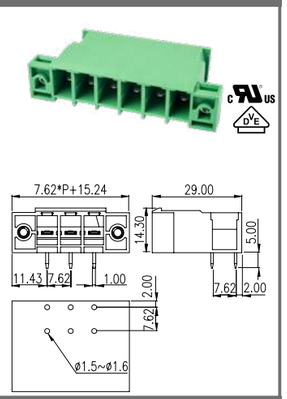
ECH762R-XXP



ECH762RM-XXP



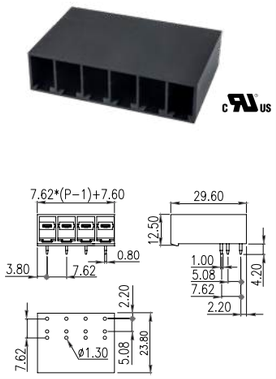
ECH762RTM-XXP



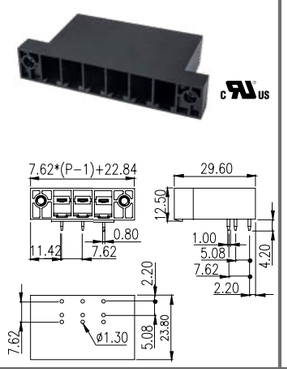
7.62mm

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	41A	41A
Rated impulse voltage		6KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	

ECH762RR-XXP



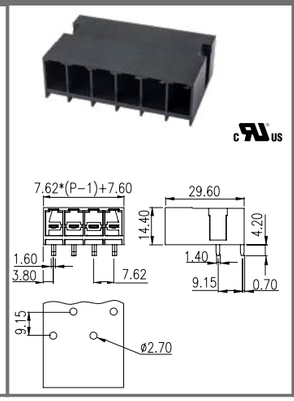
ECH762RRM-XXP



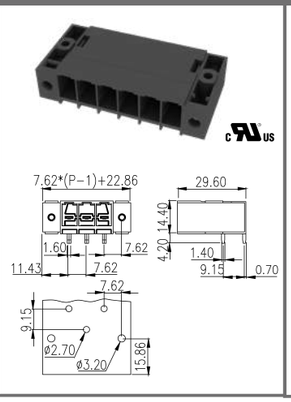
7.62mm

Technical Data	UL	IEC
Rated voltage	600V	8KV
Rated current	41A	41A
Rated impulse voltage		8KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	

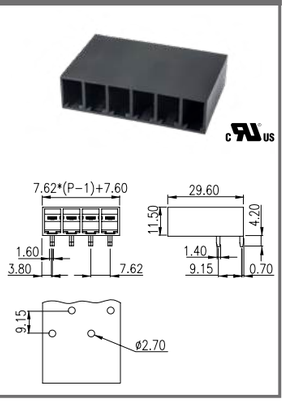
ECH762HR-XXP



ECH762HRM-XXP



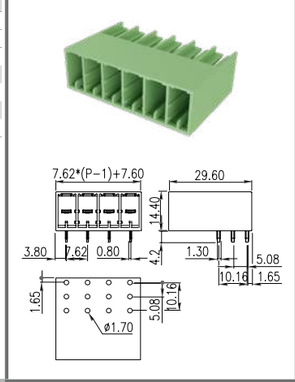
ECH762HRR-XXP



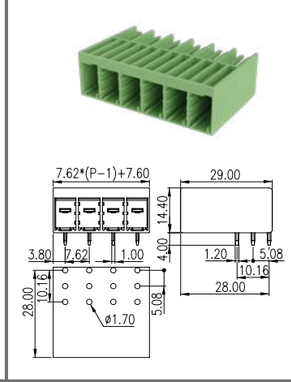
7.62mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	35A	41A
Rated impulse voltage		8KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	

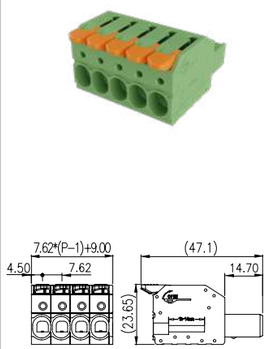
ECH762RE-XXP



ECH762RRE-XXP

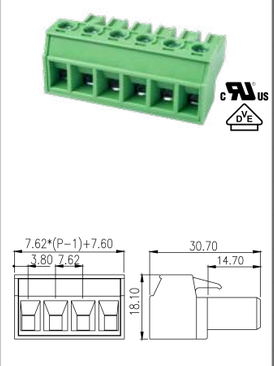


0258-61XX



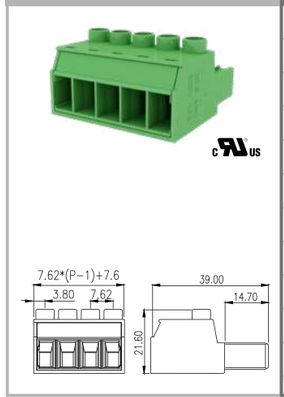
Socket	Rated Current
ECH762RE-XXP	35A
ECH762RRE-XXP	35A

EC762V-XXP



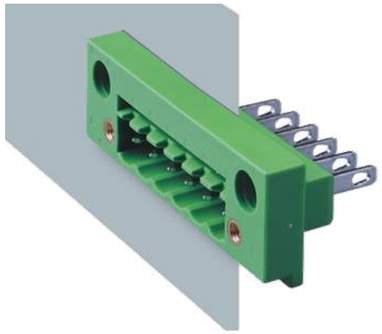
Socket	Rated Current
ECH762V-XXP	30A
ECH762VM-XXP	
ECH762VTM-XXP	
ECH762R-XXP	
ECH762RM-XXP	
ECH762RTM-XXP	
ECH762RR-XXP	
ECH762RRM-XXP	
ECH762HR-XXP	
ECH762HRM-XXP	
ECH762HRR-XXP	

EC762H-XXP



Socket	Rated Current
ECH762V-XXP	30A
ECH762VM-XXP	
ECH762VTM-XXP	
ECH762R-XXP	
ECH762RM-XXP	
ECH762RTM-XXP	
ECH762RR-XXP	41A
ECH762RRM-XXP	
ECH762HR-XXP	
ECH762HRM-XXP	
ECH762HRR-XXP	

Feed-Through Headers

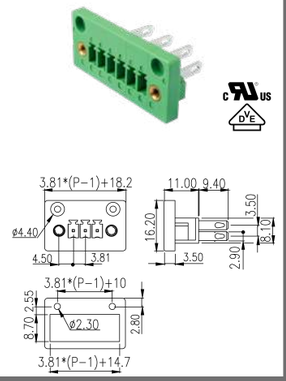


Feed-through headers create a pluggable connection with devices/ equipment on its housing/cabinet. The pin design can be a permanent solution or a temporary solution, which brings extremely flexibility in your application, you can choose PID connection plug or screw connection plug to mate with your demand.

- Pin design can be soldered with wire as a permanent solution, for temporary use it can slip the wire on the pin to solve your connection demand
- The feed-through headers are universal for plugs in push-in connection or screw connection
- Cable connections inside the device allow flexible positioning of the panel feedthroughs

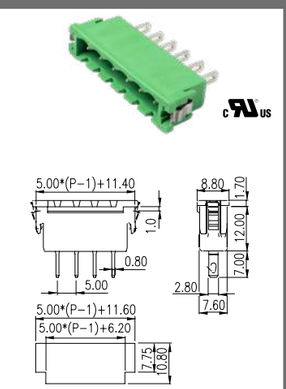
3.81mm — ECHP381V-XXP

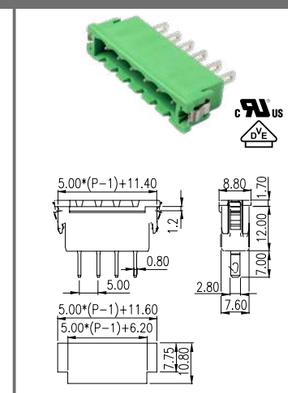
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
02~24P		
Accessories		
ECHK1	P66	

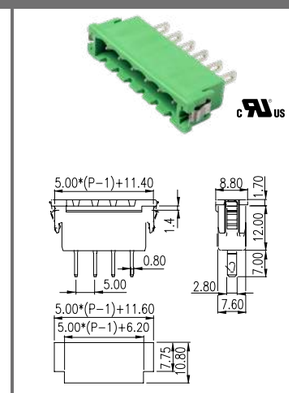


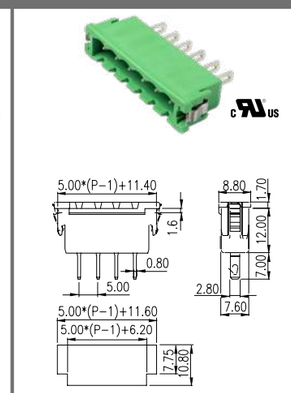
5.00mm — 5EHDK-XXP/1.0 / 5EHDK-XXP/1.2 / 5EHDK-XXP/1.4 / 5EHDK-XXP/1.6

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
02~12P		
Accessories		
EHDK1	P66	

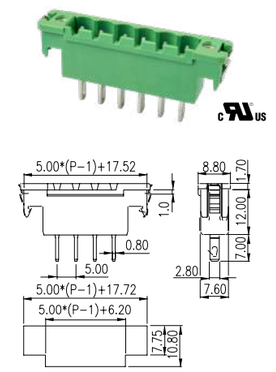


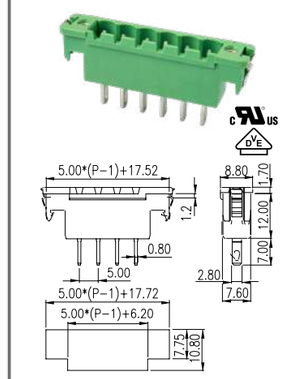


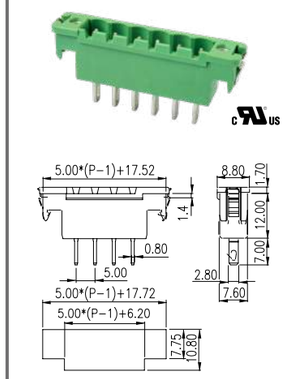


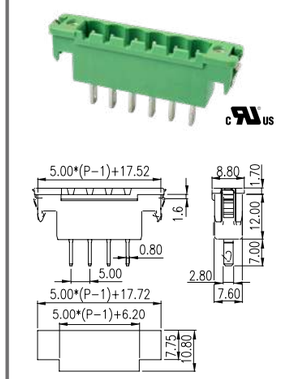


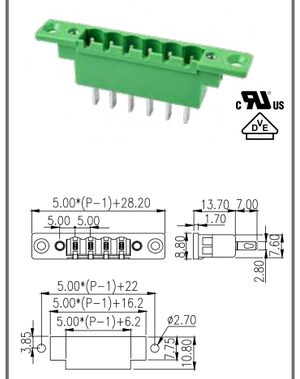
5EHDKM-XXP/1.0 / 5EHDKM-XXP/1.2 / 5EHDKM-XXP/1.4 / 5EHDKM-XXP/1.6 / 5EHDKPM-XXP





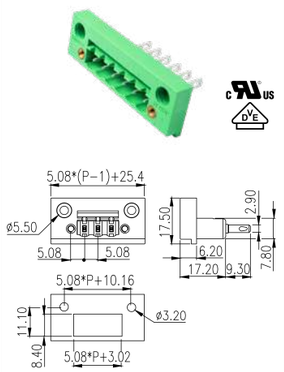


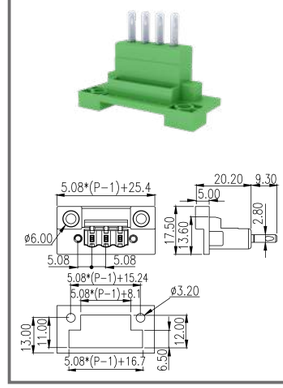




5.08mm — 2EHDP-XXP / 2EHDPN-XXP

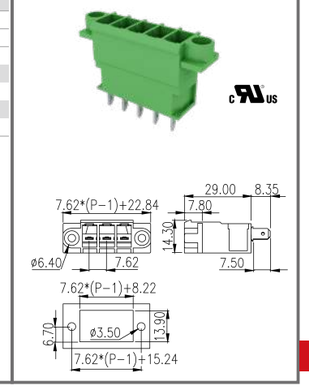
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
02~24P		
Accessories		
EHDK1	P66	





7.62mm — ECHP762V-XXP

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	30A	41A
Rated impulse voltage		6KV
Number of Positions		
02~12P		
Accessories		
EHDK2	P66	



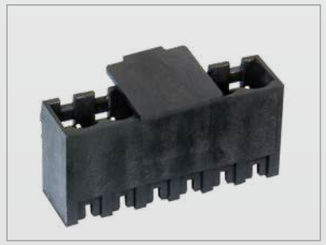
Tape & Reel Packaging

PCB Headers are delivered in tape-on-reel packaging according to IEC 60283-3 allowing for easy integration into automated assembly in the reflow process.

For 3.50 / 3.81 / 5.0 / 5.08 / 7.62 mm Pitches

- Part number contains letter “L” means its suitable for reflow process (e.g., 0156-24XXLWR, this item is suitable for reflow process.)
- Part number without “L” means it's suitable for wave soldering
- For headers with plug-in direction vertical to The PCB, pick up cap is included

Embossed Tape and Reel is used to facilitate automatic pick and place equipment feed requirements. The tape is used as the shipping container for various products and requires a minimum of handling. The antistatic/conductive tape provides a secure cavity for the product when sealed with the “peel−back” cover tape.



Pick up cap for vertical socket/header

T & R packaging in antistatic material

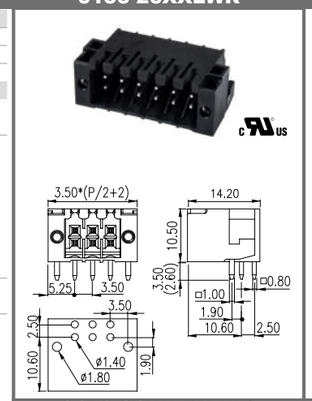
Customized tape, tube magazine packing by request

3.50mm

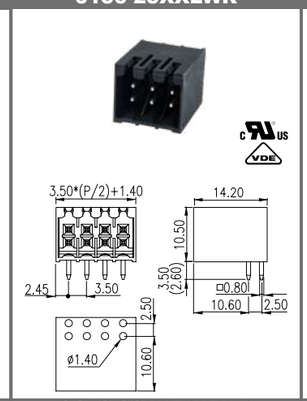
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	10A	10A
Rated impulse voltage		2.5KV
Number of Positions		
0156-24XX-BK-WR	04~28P	
0156-24XXLWR		
0156-20XXLWR	04~32P	
0156-20XX-BK-WR		
0156-21XXLWR		
0156-21XX-BK-WR		
0156-26XX-BK-WR		
0156-26XXLWR		
0156-29XX-BK-WR		
0156-29XXLWR		
0156-25XX-BK-WR	04~36P	
0156-25XXLWR		

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

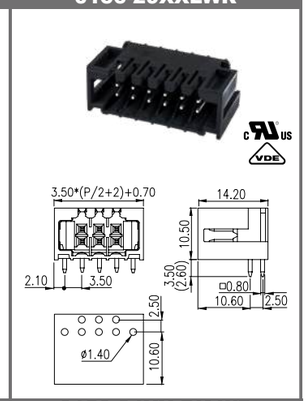
0156-26XX-BK-WR / 0156-26XXLWR



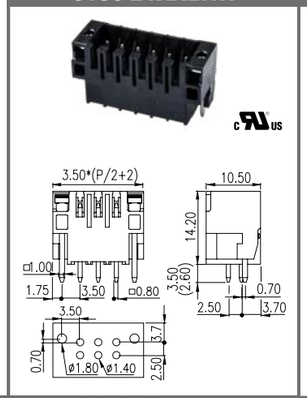
0156-25XX-BK-WR / 0156-25XXLWR



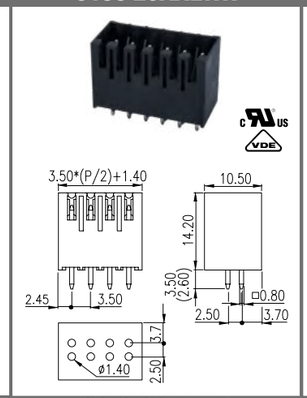
0156-29XX-BK-WR / 0156-29XXLWR



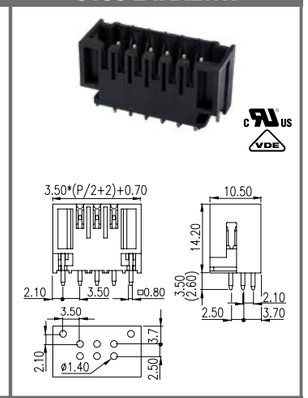
0156-21XX-BK-WR / 0156-21XXLWR



0156-20XX-BK-WR / 0156-20XXLWR



0156-24XX-BK-WR / 0156-24XXLWR

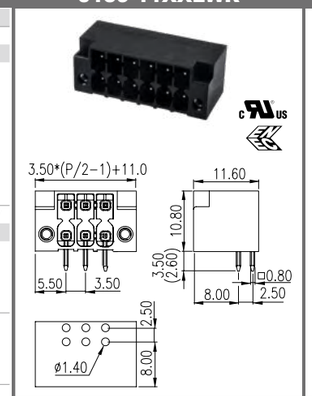


3.50mm

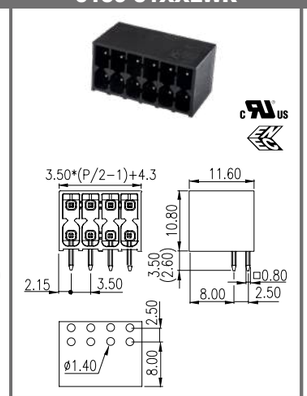
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current		
0159-11XXWR	10A	8A
0159-11XXLWR		
0159-12XXWR		
0159-12XXLWR		
0159-31XXWR		
0159-31XXLWR		
0159-32XXWR		
0159-32XXLWR		
Rated impulse voltage		2.5KV
Number of Positions		
0159-11XXWR	04~36P	
0159-11XXLWR		
0159-12XXWR		
0159-12XXLWR		
0159-31XXWR	04~40P	
0159-31XXLWR		
0159-32XXWR		
0159-32XXLWR		

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

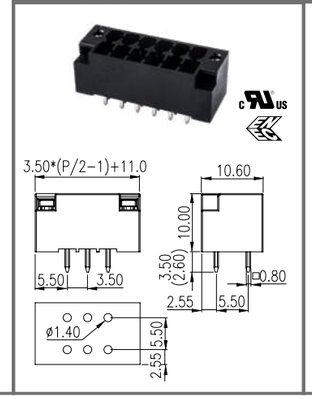
0159-11XXWR / 0159-11XXLWR



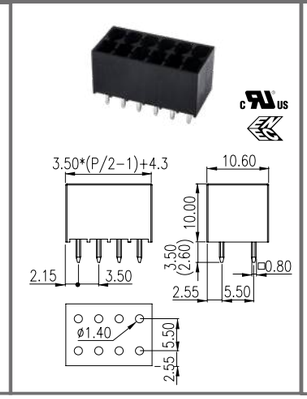
0159-31XXWR / 0159-31XXLWR



0159-12XXWR / 0159-12XXLWR



0159-32XXWR / 0159-32XXLWR

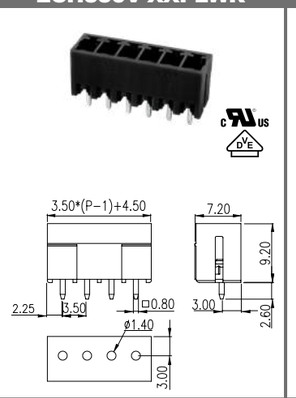


3.50mm

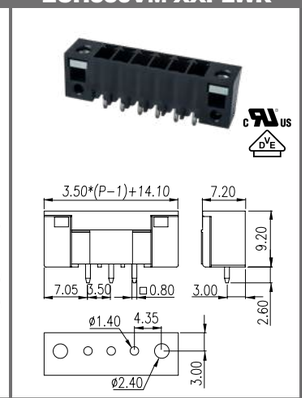
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
ECH350VM-XXPWR	02~15P	
ECH350VM-XXPLWR	02~16P	
ECH350RM-XXPWR		
ECH350RM-XXPLWR		
ECH350RRM-XXPWR		
ECH350RRM-XXPLWR		
ECH350VT-XXPLWR	02~17P	
ECH350V-XXPWR	02~18P	
ECH350V-XXPLWR		
ECH350R-XXPWR		
ECH350R-XXPLWR		
ECH350RT-XXPLWR		
ECH350RR-XXPWR		
ECH350RR-XXPLWR		
Accessories		
ECHK1	P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

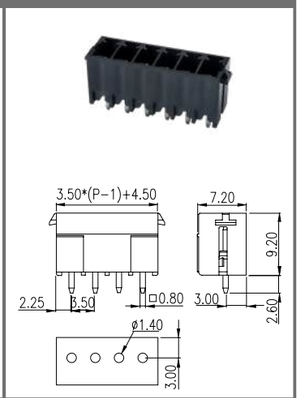
ECH350V-XXPWR ECH350V-XXPLWR



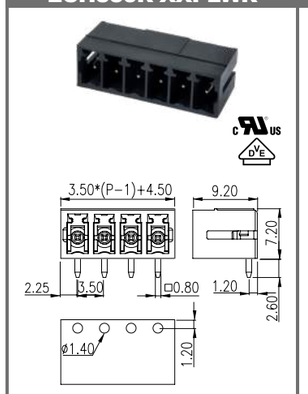
ECH350VM-XXPWR ECH350VM-XXPLWR



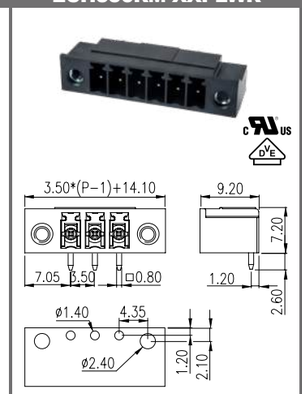
ECH350VT-XXPLWR



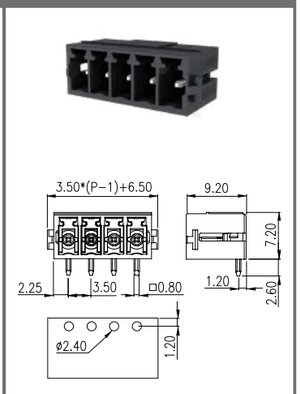
ECH350R-XXPWR ECH350R-XXPLWR



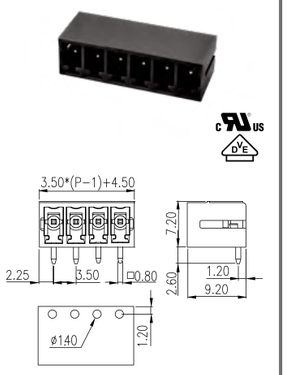
ECH350RM-XXPWR ECH350RM-XXPLWR



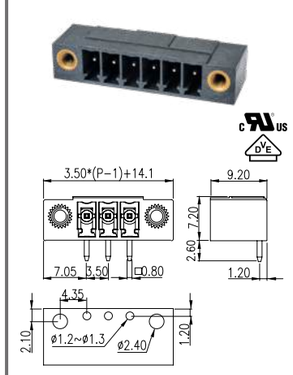
ECH350RT-XXPLWR



ECH350RR-XXPWR ECH350RR-XXPLWR



ECH350RRM-XXPWR ECH350RRM-XXPLWR

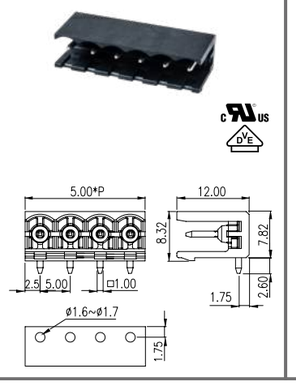


5.00mm

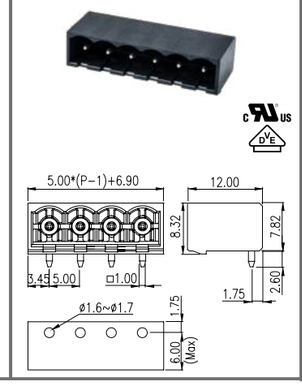
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
5EHDRRC-XXPLWR	02~11P	
5EHDRRM-XXPLWR		
5EHDRR-XXPWR	02~13P	
5EHDRR-XXPLWR		
5EHDRRC-XXPWR		
Accessories		
EHDK1	P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

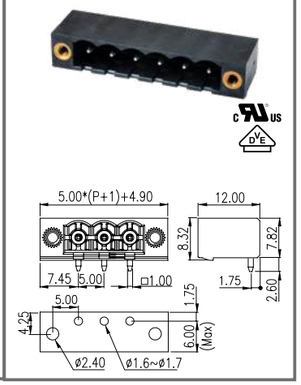
5EHDRR-XXPWR 5EHDRR-XXPLWR



5EHDRRC-XXPWR 5EHDRRC-XXPLWR



5EHDRRM-XXPLWR

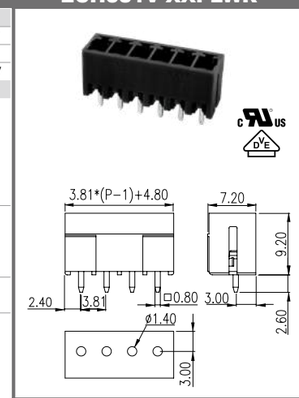


3.81mm

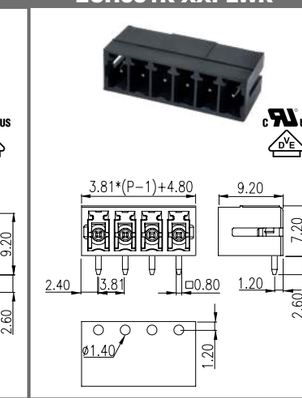
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
ECH381VM-XXPWR	02~14P	
ECH381VM-XXPLWR		
ECH381RM-XXPWR		
ECH381RM-XXPLWR		
ECH381RRM-XXPWR		
ECH381RRM-XXPLWR		
ECH381R-XXPWR	02~16P	
ECH381R-XXPLWR		
ECH381RR-XXPWR		
ECH381RR-XXPLWR		
ECH381V-XXPWR	02~17P	
ECH381V-XXPLWR		

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

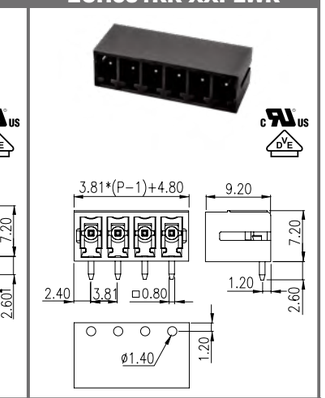
ECH381V-XXPWR ECH381V-XXPLWR



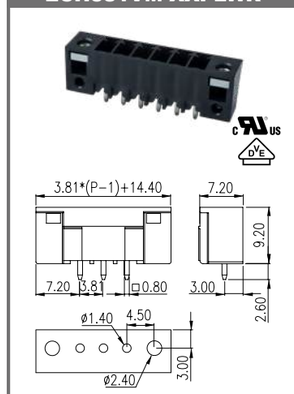
ECH381R-XXPWR ECH381R-XXPLWR



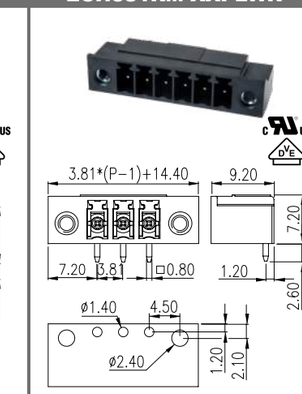
ECH381RR-XXPWR ECH381RR-XXPLWR



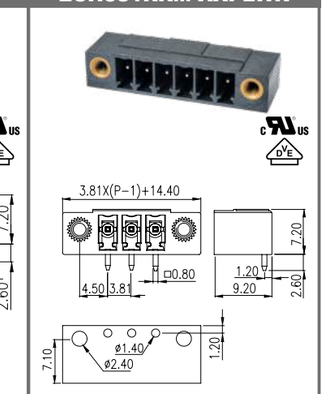
ECH381VM-XXPWR ECH381VM-XXPLWR



ECH381RM-XXPWR ECH381RM-XXPLWR



ECH381RRM-XXPWR ECH381RRM-XXPLWR

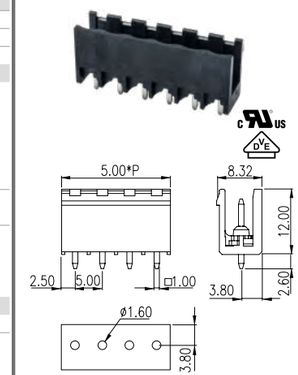


5.00mm

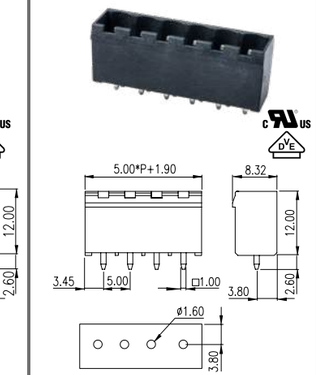
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
5EHDVM-XXPWR	02~11P	
5EHDVM-XXPLWR		
5EHDRC-XXPWR		
5EHDRC-XXPLWR		
5EHDRM-XXPWR		
5EHDRM-XXPLWR		
5EHDVC-XXPWR	02~12P	
5EHDVC-XXPLWR		
5EHDV-XXPWR	02~13P	
5EHDV-XXPLWR		
5EHDR-XXPWR		
5EHDR-XXPLWR		
Accessories		
EHDK1	P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

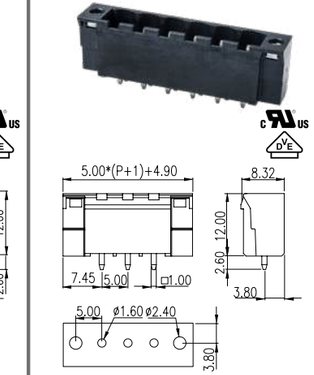
5EHDV-XXPWR 5EHDV-XXPLWR



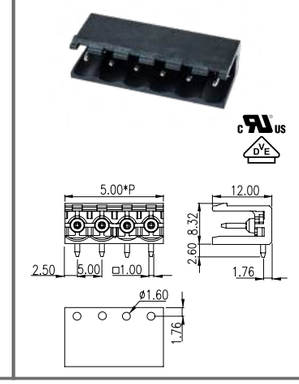
5EHDVC-XXPWR 5EHDVC-XXPLWR



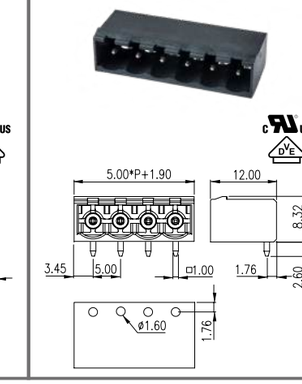
5EHDVM-XXPWR 5EHDVM-XXPLWR



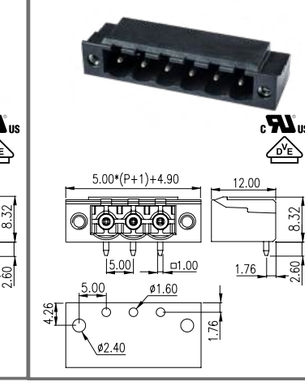
5EHDR-XXPWR 5EHDR-XXPLWR



5EHDRC-XXPWR 5EHDRC-XXPLWR



5EHDRM-XXPWR 5EHDRM-XXPLWR

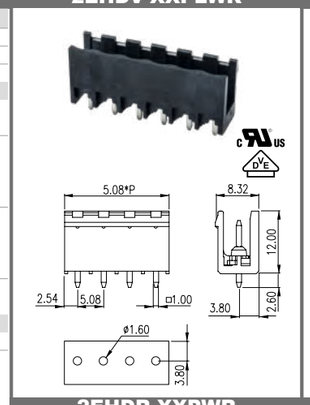


5.08mm

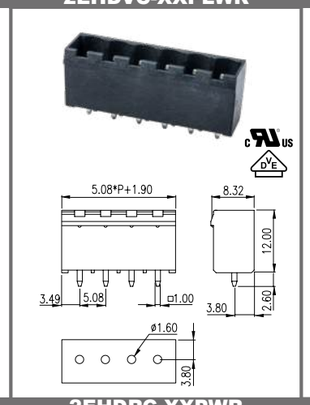
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A / 20A	18A
Rated impulse voltage		4KV
Number of Positions		
2EHDVM-XXPWR	02~10P	
2EHDVM-XXPLWR		
2EHDRC-XXPWR	02~11P	
2EHDRC-XXPLWR		
2EHDRM-XXPWR		
2EHDRM-XXPLWR		
2EHDV-XXPWR	02~12P	
2EHDV-XXPLWR		
2EHDVC-XXPWR		
2EHDVC-XXPLWR		
2EHDR-XXPWR	02~13P	
2EHDR-XXPLWR		
Accessories		
EHDK1	P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

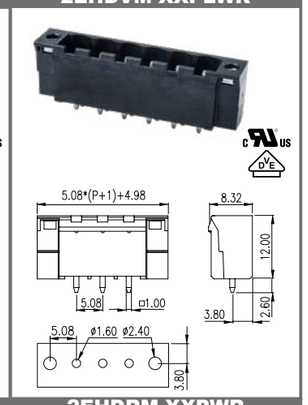
2EHDV-XXPWR 2EHDV-XXPLWR



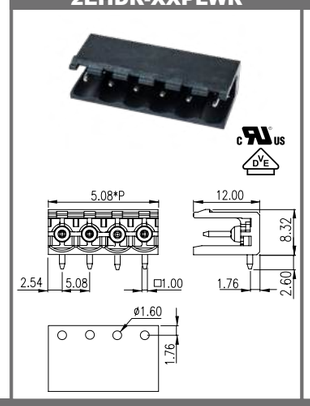
2EHDVC-XXPWR 2EHDVC-XXPLWR



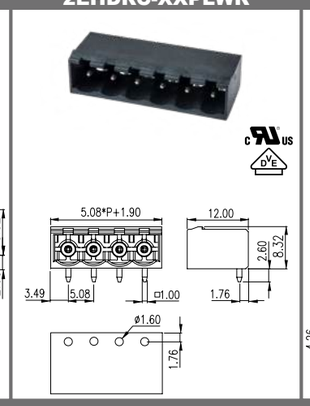
2EHDVM-XXPWR 2EHDVM-XXPLWR



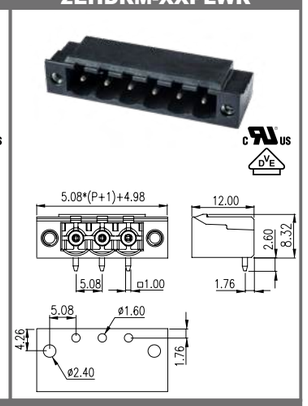
2EHDR-XXPWR 2EHDR-XXPLWR



2EHDRC-XXPWR 2EHDRC-XXPLWR



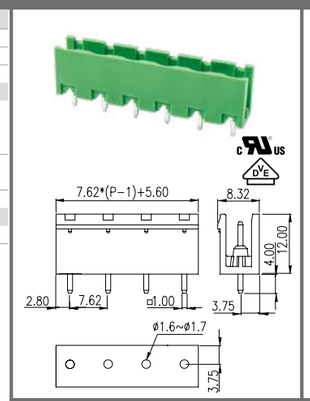
2EHDRM-XXPWR 2EHDRM-XXPLWR



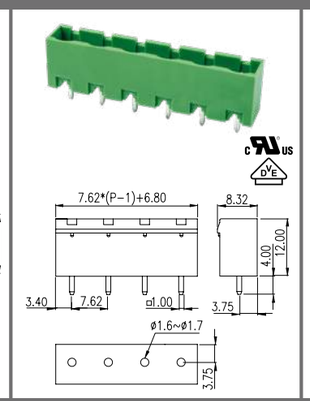
7.62mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Rated impulse voltage		6KV
Number of Positions		
3EHDRC-XXPWR	02~07P	
3EHDVM-XXPWR		
3EHDRM-XXPWR		
3EHDV-XXPWR	02~08P	
3EHDVC-XXPWR		
3EHDR-XXPWR	02~09P	
Accessories		
EHDK1	P65	

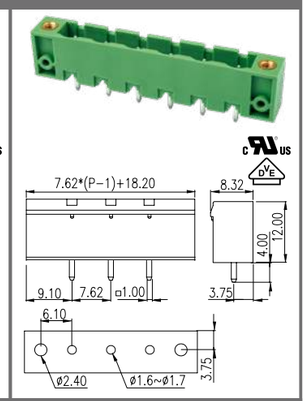
3EHDV-XXPWR



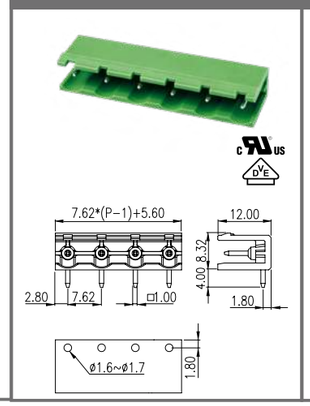
3EHDVC-XXPWR



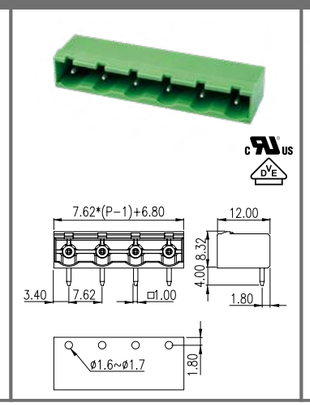
3EHDVM-XXPWR



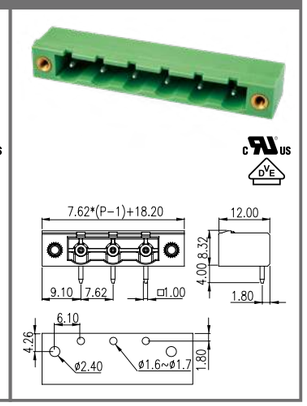
3EHDR-XXPWR



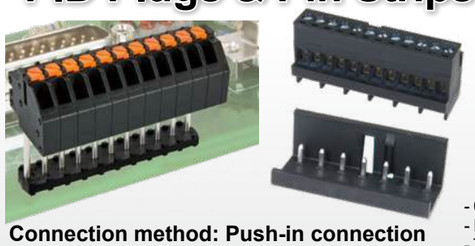
3EHDRC-XXPWR



3EHDRM-XXPWR



PID Plugs & Pin Strips



Connection method: Push-in connection
Screw connection

Pitch: 3.50 / 4.0 / 5.0 / 5.08mm
UL Rated: 150V/2A ~ 300V/12A
IEC Rated: 160V/4A ~ 320V/17.5A

Screw Plugs & Pin Strips

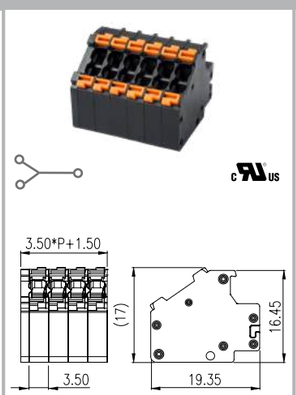
- 0191 connector cover, as the function of a lever, helps to remove the plug from the pin strip
- Reliable contact structure with high current capacity
- The plug "ED130T-XXP" is designed with a snap-in locking feet making installation on a mounting plate quick and easy
- For the pin strip part number which contains "TH" meaning the plastic is in high temperature withstand material for reflow soldering process.
- 0162 and 0164 series plugs are easy to plug in the pin socket, which is esigned to make the combination more stable and solid
- Various lengths of pin strip are available by request

3.50mm

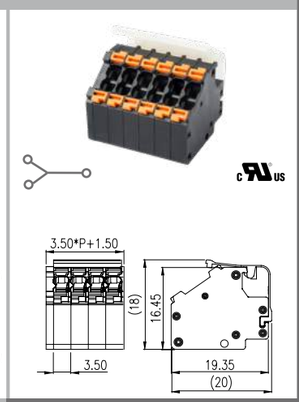
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	9A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~20P		

*UL=150V IEC=160V
Pin strip:0191-16XXTH
Various pin lengths available

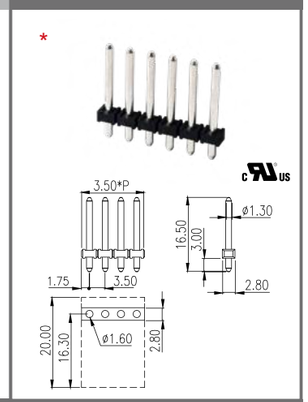
0191-06XX



0191-06XXC



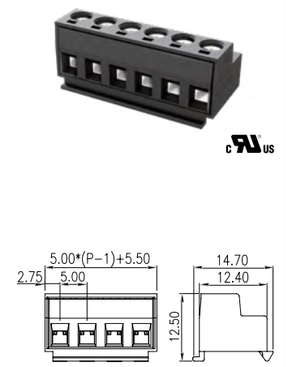
0191-16XXTH



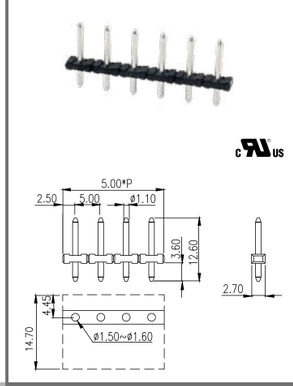
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	12A	10A
Solid (AWG/mm²)	22~14	0.5~1.5
Flexible (AWG/mm²)	22~14	0.5~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.3	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~20P		

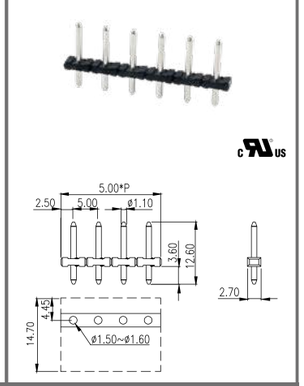
ED130T-XXP



EDH130-21XX



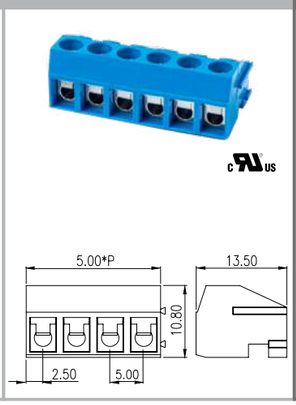
EDH130-21XXTHT



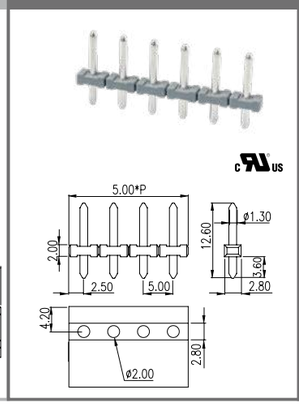
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	7A	10A
Solid (AWG/mm²)	22~14	0.5~1.5
Flexible (AWG/mm²)	22~14	0.5~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.3~0.4	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
ED130F-XXP	02~20P	
EDH130F-XXTH126		
EDH130F-XX/12.6	02~24P	

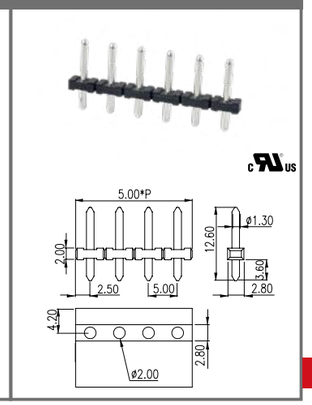
ED130F-XXP



EDH130F-XX/12.6



EDH130F-XXTH126

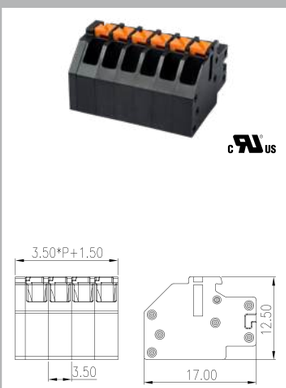


3.50mm

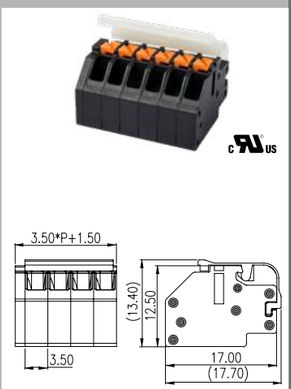
Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	2A	4A
Solid (AWG/mm²)	28~16	0.5~1.5
Flexible (AWG/mm²)	28~16	0.5~1.5
Rated impulse voltage		3KV
Wire strip length	8~9mm	
Number of Positions		
02~20P		

· Pin strip: 0191-11XXTH

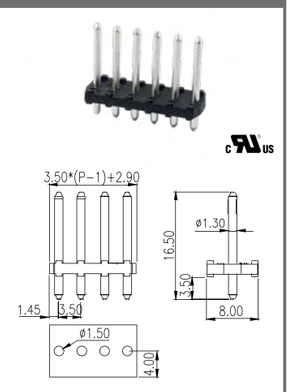
0191-01XX



0191-01XXC



0191-11XXTH

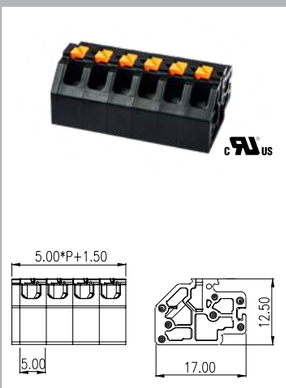


5.00mm

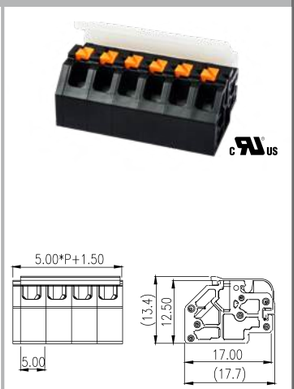
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	2A	4A
Solid (AWG/mm²)	28~16	0.5~1.5
Flexible (AWG/mm²)	28~16	0.5~1.5
Rated impulse voltage		4KV
Screw	8~9mm	
Number of Positions		
02~20P		

*UL=5A
Pin strip:0191-12XXTH
Various pin lengths available

0191-02XX

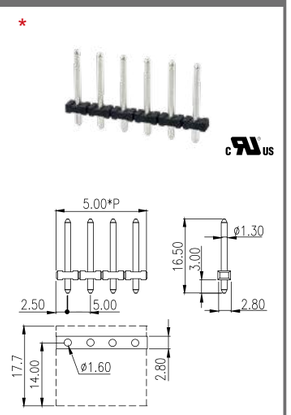


0191-02XXC



0191-12XXTH

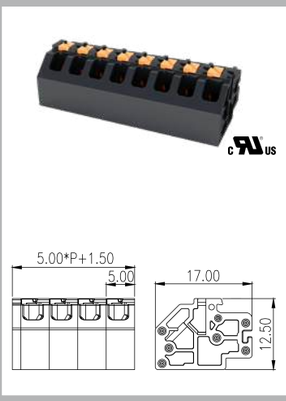
*



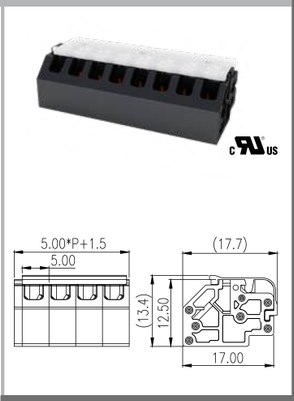
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	5A	5A
Solid (AWG/mm²)	24~16	0.5~1.5
Flexible (AWG/mm²)	24~16	0.5~1.5
Rated impulse voltage		4KV
Wire strip length	8mm	
Number of Positions		
02~20P		

0191-04XX



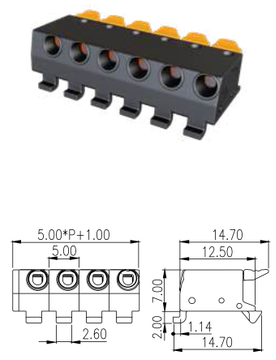
0191-04XXC



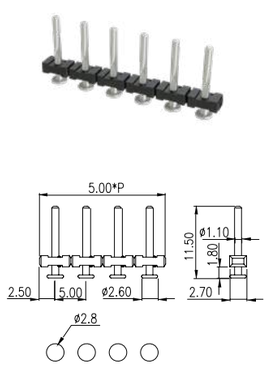
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630A
Rated current	7A	9A
Solid (AWG/mm²)	24~18	0.2~0.75
Flexible (AWG/mm²)	24~18	0.2~0.75
Rated impulse voltage		4KV
Wire strip length	6~7mm	
Number of Positions		
0190-05XX	02~24P	
EDH130S-20XXTHT	03P,05P,06P	

0191-05XX



EDH130S-20XXTHT

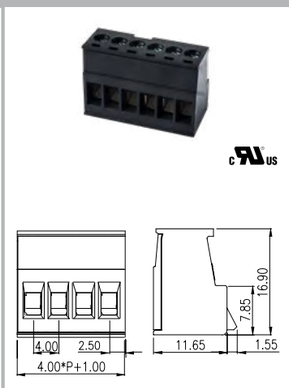


4.00mm

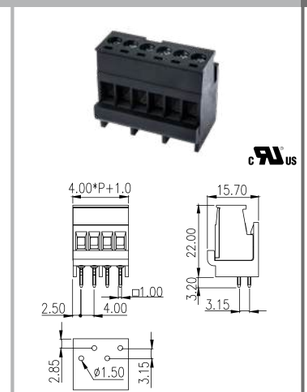
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~14	0.2~2.5
Flexible (AWG/mm²)	24~14	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.45	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

· Socket: 0162-11XX

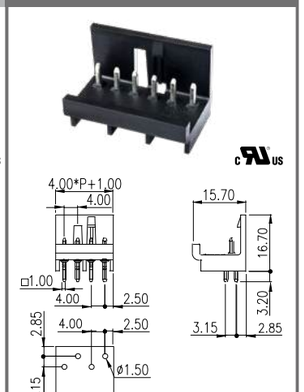
0162-01XX



0162-A1XX



0162-11XX

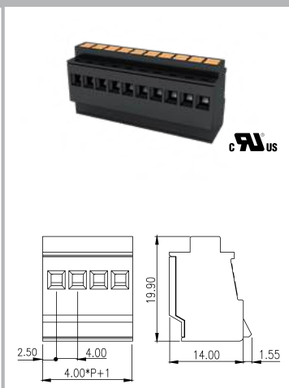


4.00mm

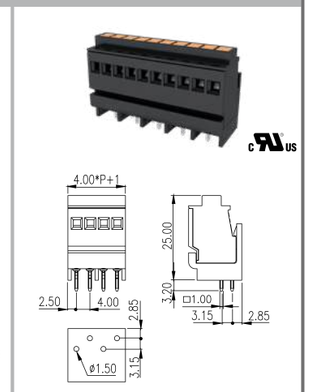
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	24~14	0.2~1.5
Flexible (AWG/mm²)	24~14	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		

· Socket: 0162-11XX

0162-06XX



0162-A6XX

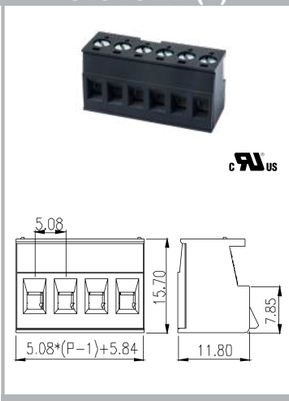


5.08mm

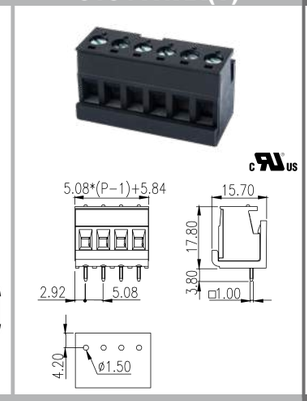
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	15A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3/M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

· Socket:0164-11XX, 0164-12XX

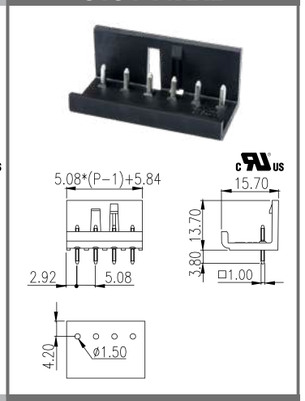
0164-01XX
0164-01XX(T)



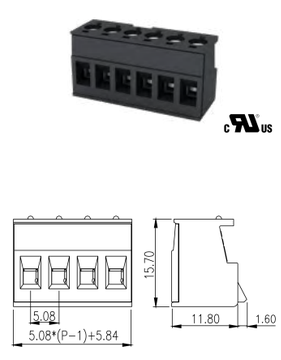
0164-A1XX
0164-A1XX(T)



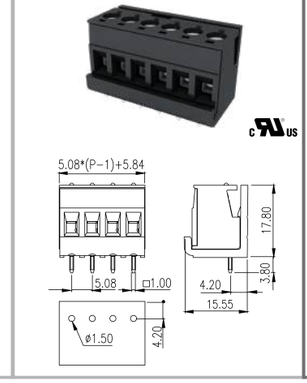
0164-11XX
0164-11XXL



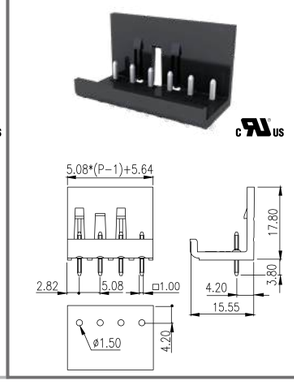
0164-02XX



0164-A2XX



0164-12XX



Feed-Through connectors

Dual-output feed-through connector is an electrical connector which is between frequently plugged/unplugged cables and their applications to secure electrical contacts and to provide high-speed data transmission.

These connectors are typically used in products that require data transfer or internet connectivity which needs to convey signals between devices like PLC or other controllers.

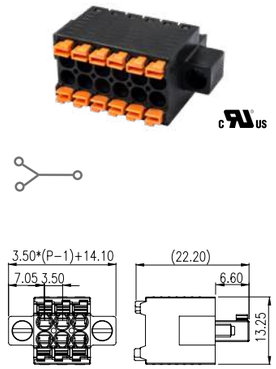
0161, 0181 and 0187 series products can provide serial communication solutions, in the communication protocol applications such as Profibus, CANbus and Modbus 485, the communication signals are transmitted between the master station and the slave stations via the connector's connections.

With Dinkle wide range of PCB sockets, 0161, 0181 and 0187 series can mate with 3.50mm, 5.00mm and 10.16mm pitch socket to carry out the applications of PCB-to-Wire and Wire-to-Wire solutions.

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

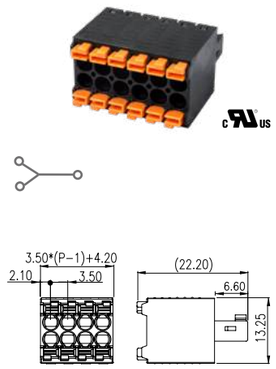
0181-A1XX



Socket	
ECH350RM-XXP	P32
ECH350RM-XXPL	P32
ECH350VM-XXP	P32
ECH350VM-XXPL	P32
ECH350RRM-XXP	P69
ECH350RRM-XXPL	P69

Please refer to the related page number for the compatible headers.

0181-A3XX



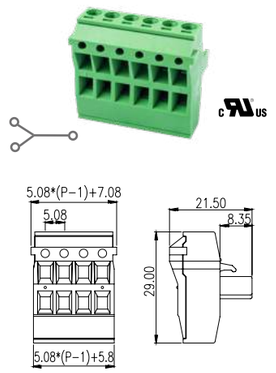
Socket	
ECH350H-XXP	P68
ECH350R-XXP	P69
ECH350R-XXPL	P69
ECH350V-XXP	P69
ECH350V-XXPL	P69
ECH350RR-XXP	P69
ECH350RR-XXPL	P69

Please refer to the related page number for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~12P		

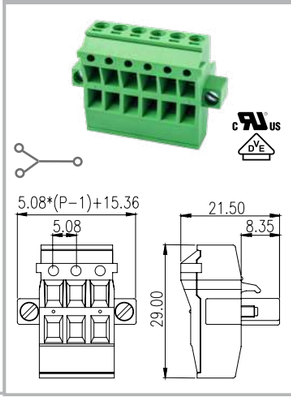
2ESDVB-XXP



Socket	
2EHDVC-XXP	P76
2EHDVC-XXPL	P76
2EHDR-XXP	P76
2EHDR-XXPL	P76
2EHDRC-XXP	P76
2EHDRC-XXPL	P76
2EHDAC-XXP	P75

Please refer to the related page number for the compatible headers.

2ESDVBM-XXP



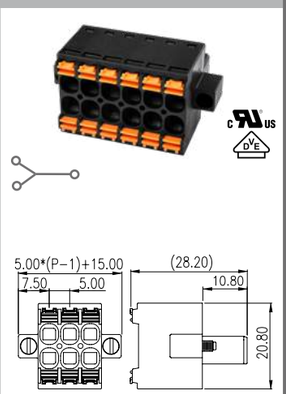
Socket	
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDP-XXP	P81

Please refer to the related page number for the compatible headers.

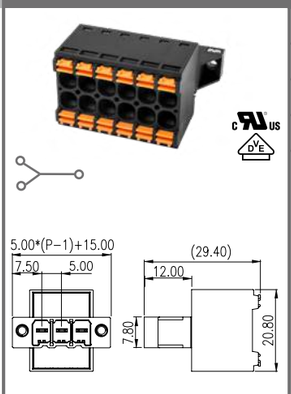
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
02~24P		
Accessories		
0227K1	P27	

0161-01XX



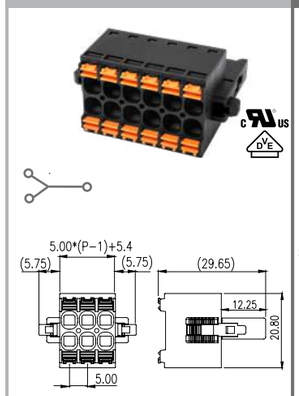
0161-11XX



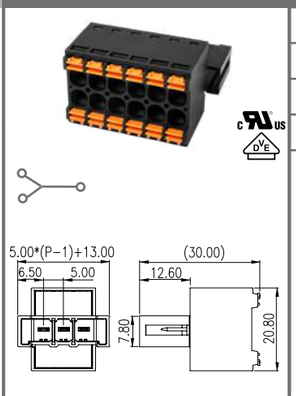
Socket	
0227-16XX	P24
0227-16XXL	P24
0227-17XX	P24
0227-17XXL	P24

Please refer to the related page number for the compatible headers.

0161-02XX



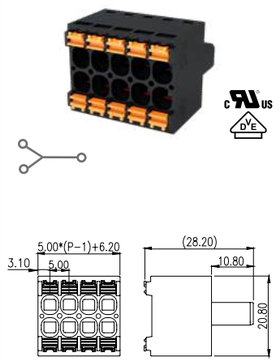
0161-12XX



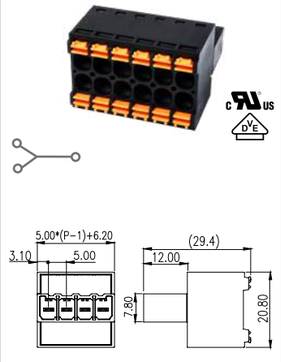
Socket	
0227-26XX	P24
0227-26XXL	P24
0227-27XX	P24
0227-27XXL	P24

Please refer to the related page number for the compatible headers.

0161-03XX



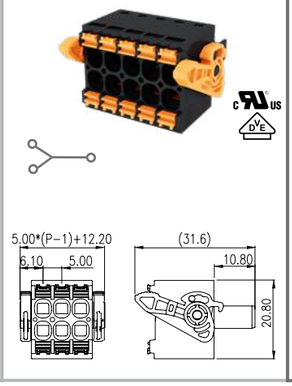
0161-13XX



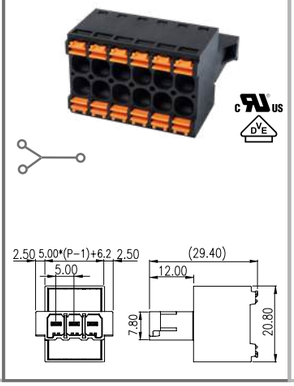
Socket	
0227-26XX	P24
0227-26XXL	P24
0227-27XX	P24
0227-27XXL	P24

Please refer to the related page number for the compatible headers.

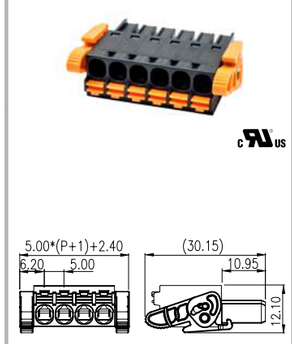
0161-04XX



0161-14XX



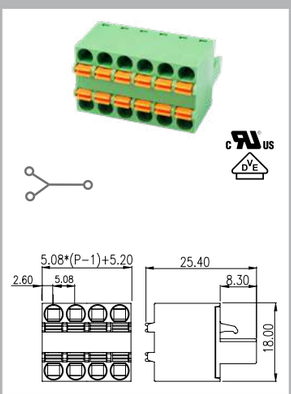
0227-09XX



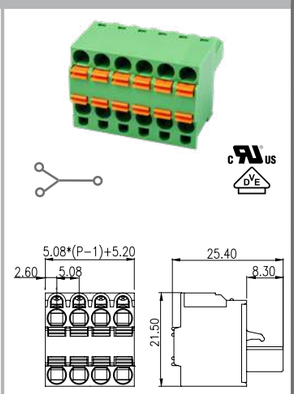
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	12A	15A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	11~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

2ESDB-XXP



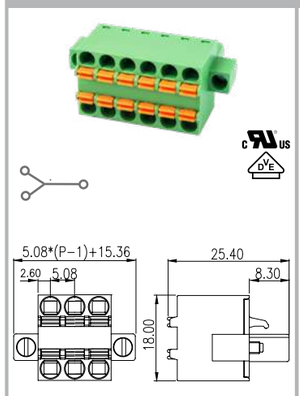
2ESDBA-XXP



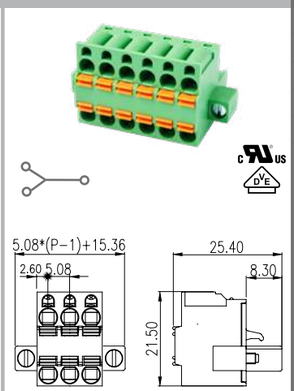
Socket	
2EHDA-XXP	P75
2EHDAC-XXP	P75
2EHDR-XXP	P76
2EHDR-XXPL	P76
2EHDRC-XXP	P76
2EHDRC-XXPL	P76
2EHDV-XXP	P76
2EHDV-XXPL	P76
2EHDVC-XXP	P76
2EHDVC-XXPL	P76
2EHDRR-XXPL	P76
2EHDRRC-XXPL	P76

Please refer to the related page number for the compatible headers.

2ESDBM-XXP



2ESDBAM-XXP



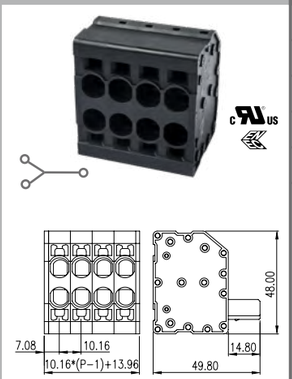
Socket	
2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDRRM-XXPL	P76

Please refer to the related page number for the compatible headers.

10.16mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm²)	20~4	0.75~16
Flexible (AWG/mm²)	20~4	0.75~16
Rated impulse voltage		8KV
Wire strip length	18~20mm	
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	

0187-A4XX



Socket	
ECH116L-XXP	P65
ECH116V-XXP	P65
ECH116R-XXP	P65
ECH116HVS-XXP	P65
ECH116HRS-XXP	P65

Please refer to the related page number for the compatible headers.

Wire-to-Wire Connection

Connection method:
screw connection /
PID Plug & Sockets

Pitch:
2.50mm / 3.50mm /
5.08mm / 10.16mm
UL Rated:
300V / 8A~600V / 51A
IEC Rated:
300V / 14A~1000V / 76A

This series of connectors is to connect two or more wires to each other safely and reliably.

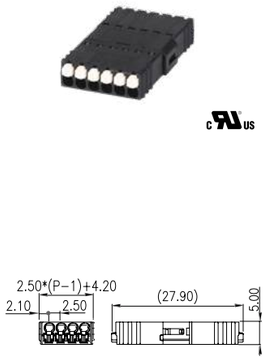
In the industrial environment, make two wires be securely connected and easily disconnected. No need to remove and install the wires one by one to achieve the wire connections.

Full range Connectors provide highly reliable and safe industrial wiring solutions and save operating time.

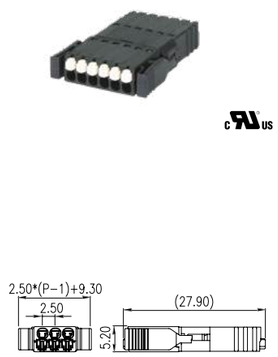
2.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	6A	6A
Solid (AWG/mm²)	26~18	0.14~0.5
Flexible (AWG/mm²)	26~18	0.2~0.5
Rated impulse voltage		2.5kV
Wire strip length	7~8mm	
Number of Positions		
02~12P		

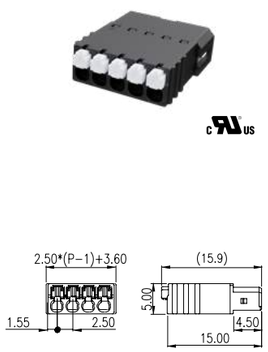
0288-AAXX



0288-ADXX



0288-2AXX



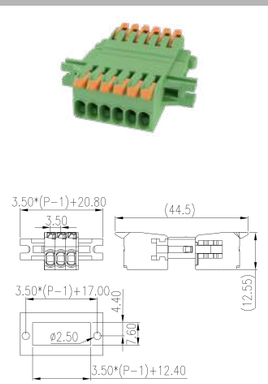
Comparison table

Plug/Socket	0288-1AXX	0288-1DXX
	 P.15	 P.16
0288-2AXX	0288-AAXX	0288-ADXX
		

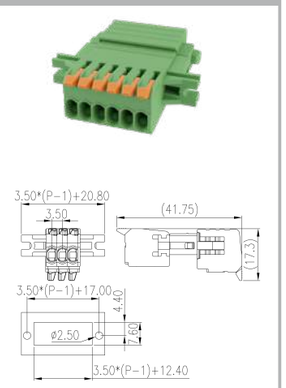
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0218-2GXXM0256-13



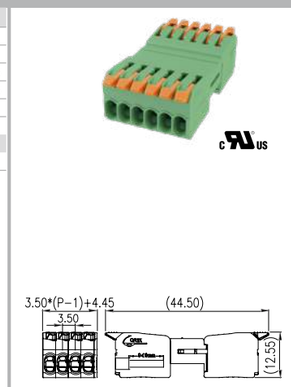
0218-2GXXM0256-33



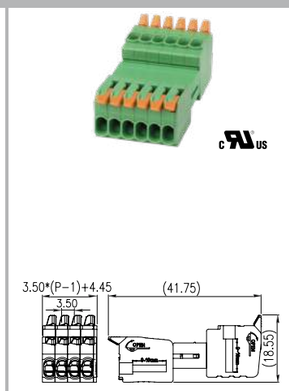
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

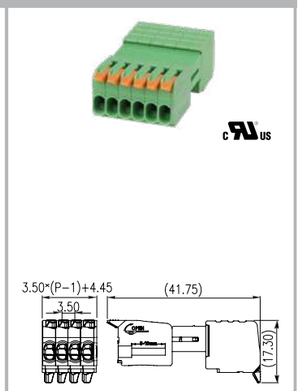
0218-21XXM0256-11



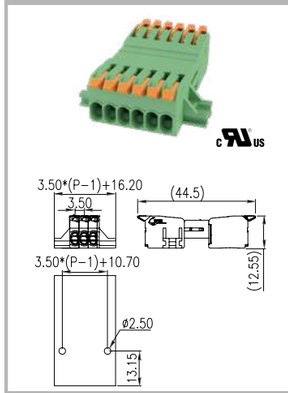
0218-21XXM0256-21



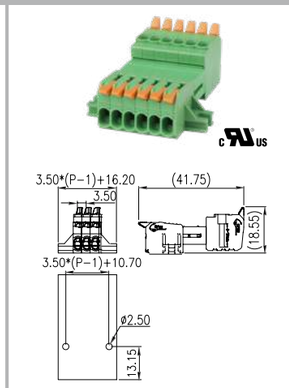
0218-21XXM0256-31



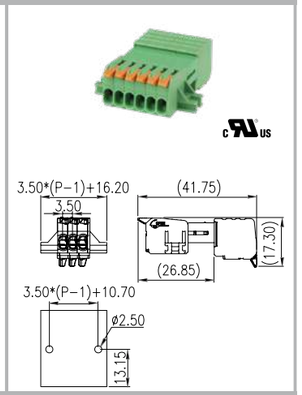
0218-25XXM0256-11



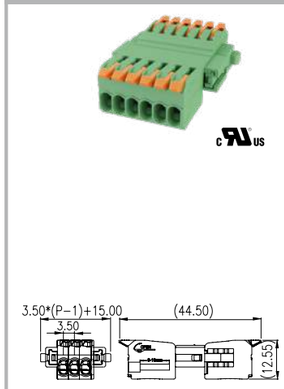
0218-25XXM0256-21



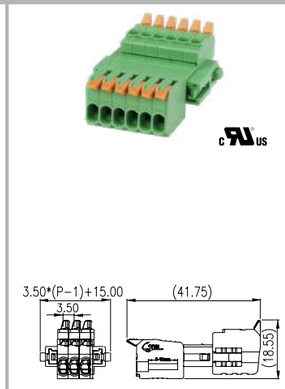
0218-25XXM0256-31



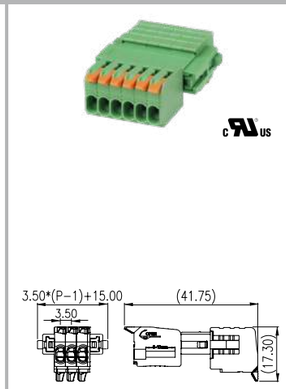
0218-23XXM0256-13



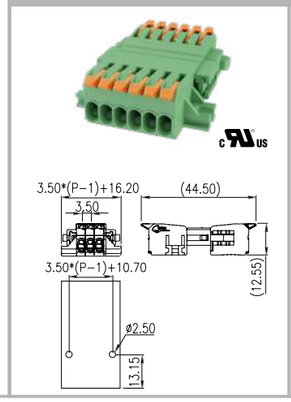
0218-23XXM0256-23



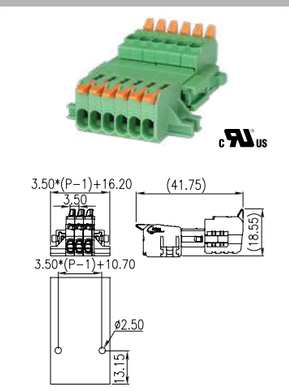
0218-23XXM0256-33



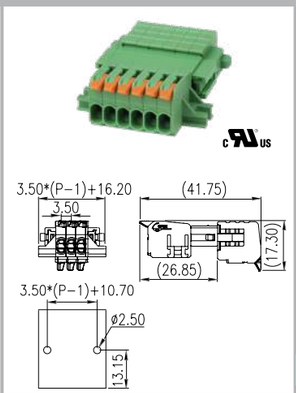
0218-27XXM0256-13



0218-27XXM0256-23



0218-27XXM0256-33



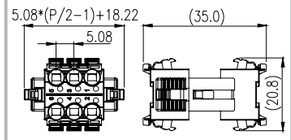
Plug/Socket	0218-21XX	0218-25XX	0218-23XX	0218-27XX
0256-11XX	0218-21XXM0256-11 	0218-25XXM0256-11 		
0256-21XX	0218-21XXM0256-21 	0218-25XXM0256-21 		
0256-31XX	0218-21XXM0256-31 	0218-25XXM0256-31 		
0256-13XX			0218-23XXM0256-13 	0218-27XXM0256-13 
0256-23XX			0218-23XXM0256-23 	0218-27XXM0256-23 
0256-33XX			0218-23XXM0256-33 	0218-27XXM0256-33 
Plug/Socket	**0218-2GXX**			
0256-13XX	0218-2GXXM0256-13 			
0256-33XX	0218-2GXXM0256-33 			

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	12A	14A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
04~16P		

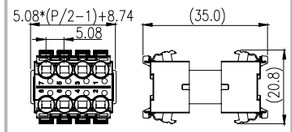
0229-M5XXY

with test holes



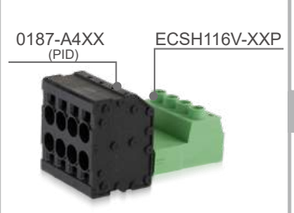
0229-M9XXY

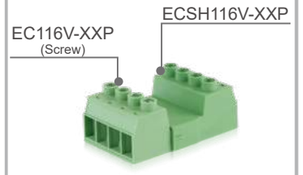
with test holes



10.16mm

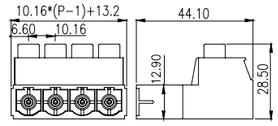
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Rated impulse voltage		8KV
Solid (AWG/mm²)	16~6	0.5~16
Flexible (AWG/mm²)	16~6	0.5~16
Torque (N-m)	1.2	
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
ECSH116MK-XXP	02~08P	
ECSH116V-XXP	02~10P	
ECSH116K-XXP		
ECSH116M-XXP		
Accessories		
ECHK2	P66	





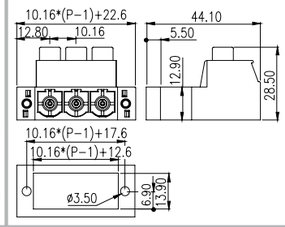
ECSH116V-XXP

600V



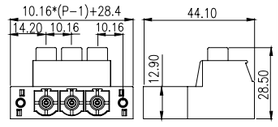
ECSH116K-XXP

600V



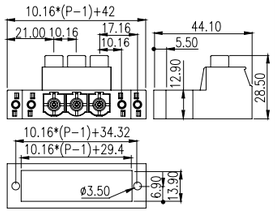
ECSH116M-XXP

600V



ECSH116MK-XXP

600V



Plug

EC116V-XXP	P65
0187-A4XX	P94

Please refer to the related page number for the compatible headers.

Plug

EC116VM-XXP	P65

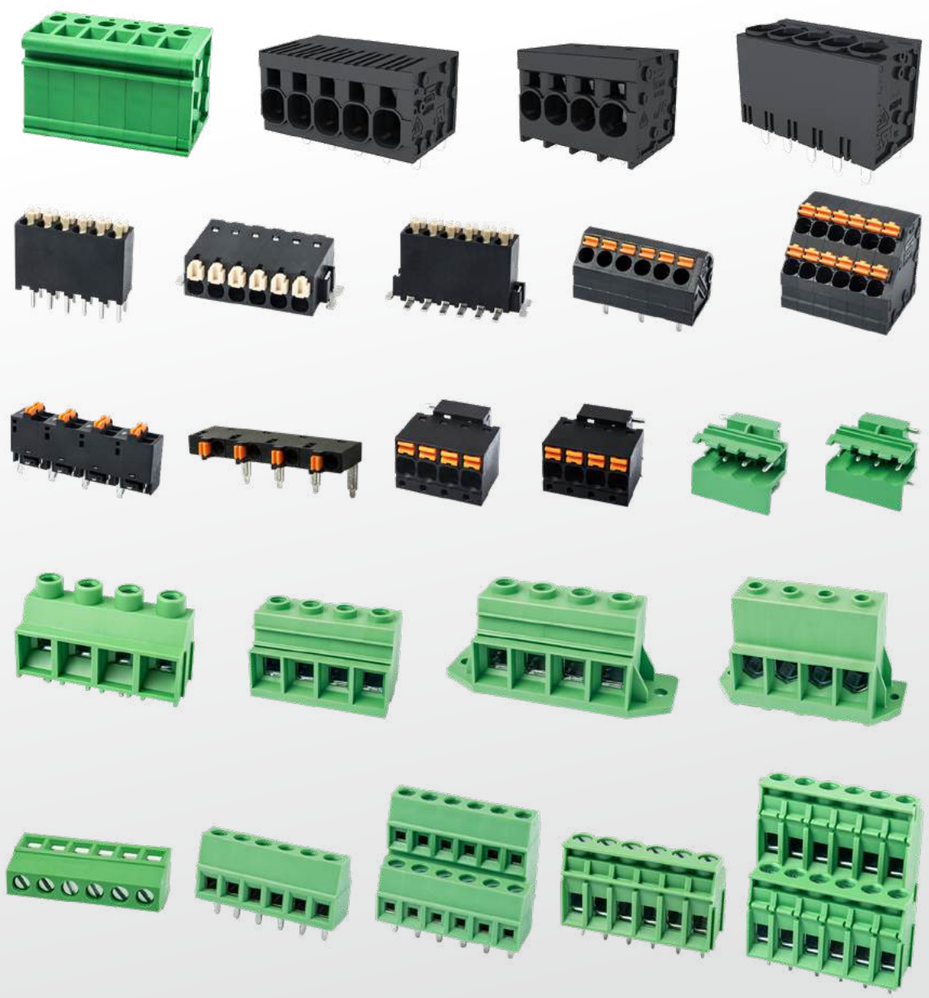
Please refer to the related page number for the compatible headers.

PCB Terminal Blocks

Dinkle PCB terminal blocks include 2.5 mm pitch miniature PCB terminals and max. 20 mm pitch terminals in both metric and imperial pitch. All product is compatible to standards UL1059 and IEC/EN60947-7-4 with safety approvals.

Provide suitable terminal blocks for your application, especially in the field of process interface, automation components and frequency converters.

Dinkle PCB terminal block products can meet your needs always. Provide you with different connection solutions for various manufacturing processes, such as push-in, Screw and spring clamp connection technologies. Makes PCB assembly efficiently and reliably.



PID (Push-in Design) PCB Terminal Blocks

Connection method: Push-in connection
Pitch: 2.50mm / 2.54mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 10.00mm
UL Rated: 150V/5A~ 600V/20A
IEC Rated: 130V/6A~ 1000V/24A

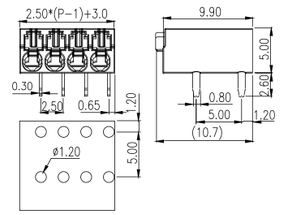
- Push-in connection single and double level PCB terminal blocks
- Horizontal, vertical and 45 degrees plug-in directions
- Versions with support pin for additional stability on PCB
- Color identification for each individual pole is available by request

The Push-in design adopts specially designed spring technology which allows fast and easy wiring free of tool. The structure is rigid, durable and takes moderate force to release the wire with a screwdriver.

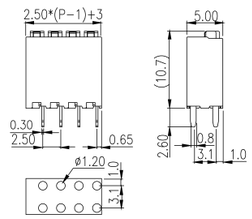
2.50mm

Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	5A	6A
Solid (AWG/mm²)	26~18	0.2~0.5
Flexible (AWG/mm²)	26~18	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	7~8mm	
Number of Positions		
02~20P		

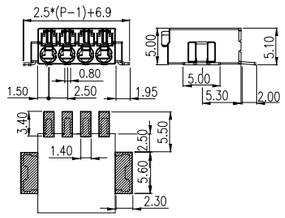
0188-01XXL



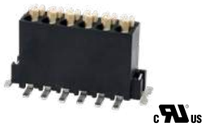
0188-02XXL

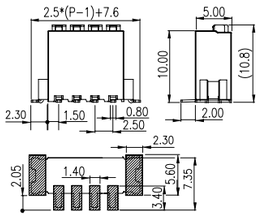


0188-01XXSMDWR



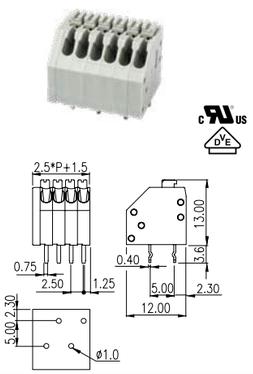
0188-02XXSMDWR





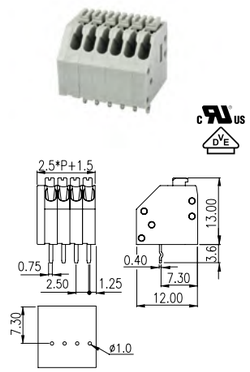
2.50mm 0136-10XX

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	2A	2A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)		0.2~0.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		



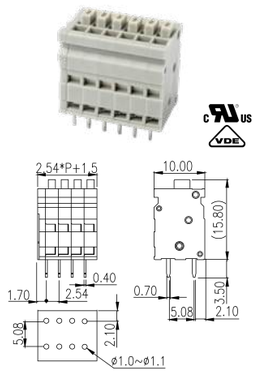
2.50mm 0136-11XX

Technical Data	UL	IEC
Rated voltage	150V	250V
Rated current	2A	2A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)		0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
0136-11XX	02~24P	

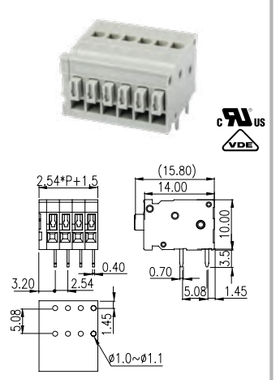


2.54mm 0138-10XX

Technical Data	UL	IEC
Rated voltage	150V	130V
Rated current	5A	6A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)	28~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		

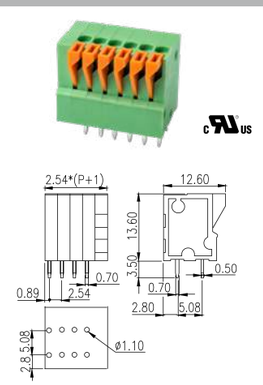


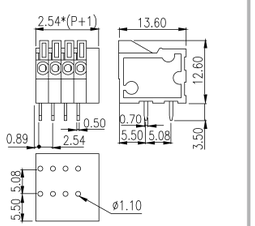
2.54mm 0138-11XX



2.54mm 141V-XXP 141R-XXP

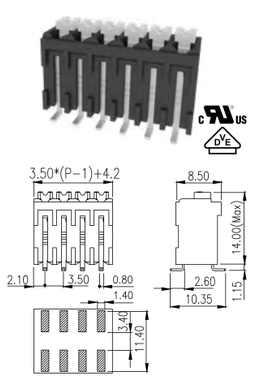
Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	5A	6A
Solid (AWG/mm²)	26~20	0.2~0.5
Flexible (AWG/mm²)	26~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	10~11mm	
Number of Positions		
141V-XXP	01~24P	
141R-XXP	01~32P	





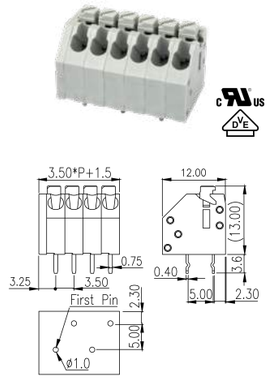
3.50mm 0138-50XXSMDWR

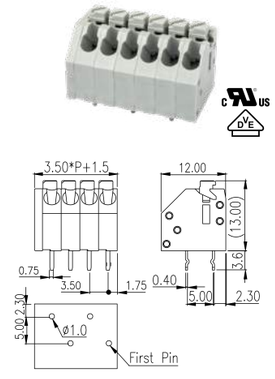
Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
02~06P		



3.50mm 0136-20XX 0136-23XX

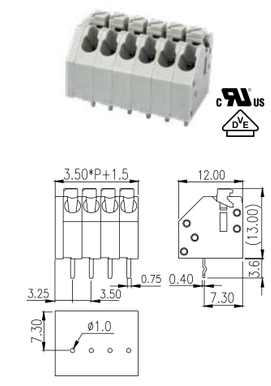
Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	6A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)		0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

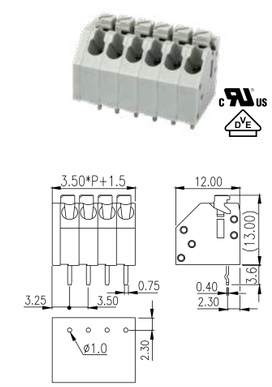




3.50mm 0136-21XX 0136-22XX

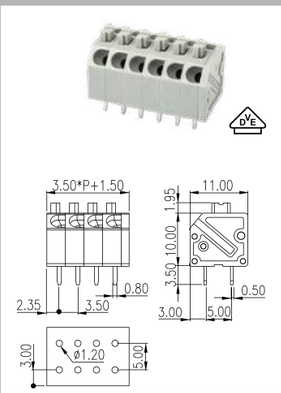
Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	6A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)		0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

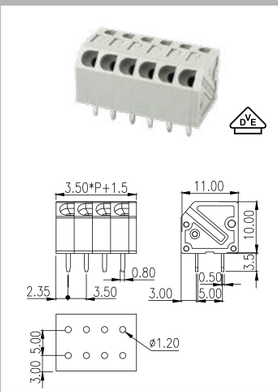




3.50mm 0137-40XX 0137-41XX

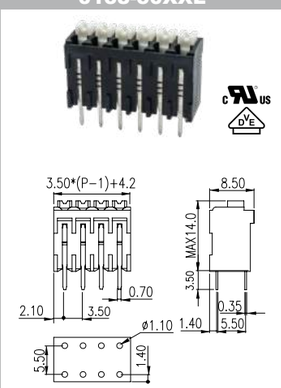
Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	5A	17.5A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	24~20	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

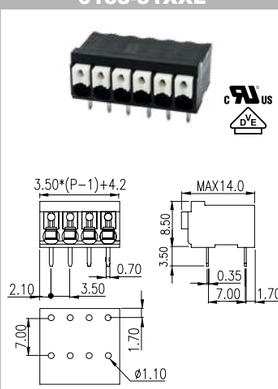




3.50mm 0138-50XX 0138-50XXL 0138-51XX 0138-51XXL

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

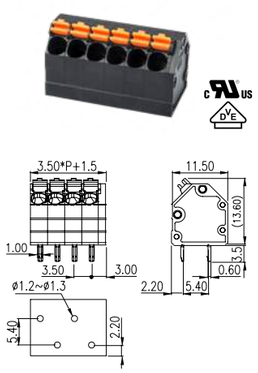




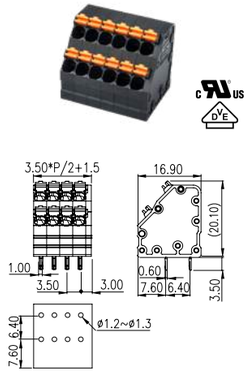
3.50mm

0151-01XX (0151-01XXL)

Technical Data	UL	IEC
Rated voltage		
0151-01XX	300V	320V
0151-02XX	300V	160V
Rated current	9A	14A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
0151-01XX	02~24P	
0151-01XXL		
0151-02XX	04~48P	
0151-02XXL		



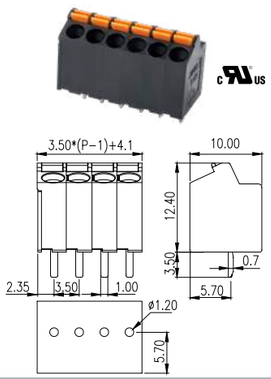
0151-02XX (0151-02XXL)



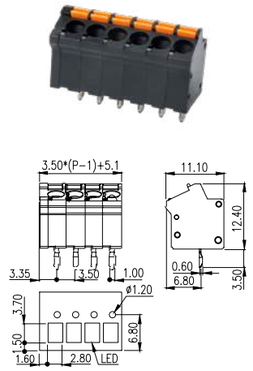
3.50mm

0185-13XX

Technical Data	UL	IEC
Rated voltage	300V	200V
Rated current	10A	14A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	2.5KV	
Wire strip length	8~9mm	
Number of Positions		
02~24P		



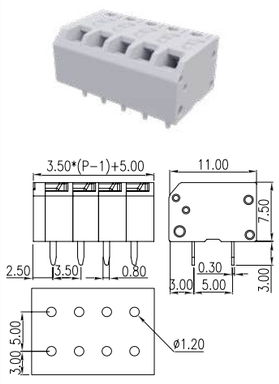
0185-12XX



3.50mm

0137-41XXM

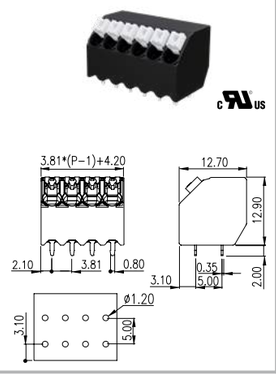
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	5A	9A
Solid (AWG/mm²)	24~18	0.2~0.75
Flexible (AWG/mm²)	24~18	0.2~0.75
Rated impulse voltage	2.5KV	
Wire strip length	7~8mm	
Number of Positions		
02~20P		



3.81mm

0138-42XXL20

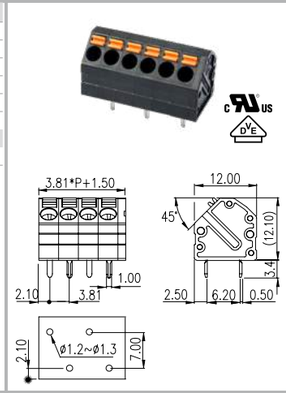
Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage	2.5KV	
Wire strip length	8~9mm	
Number of Positions		
02~24P		



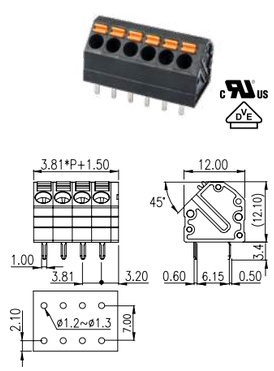
3.81mm

0141-01XX

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
02~24P		



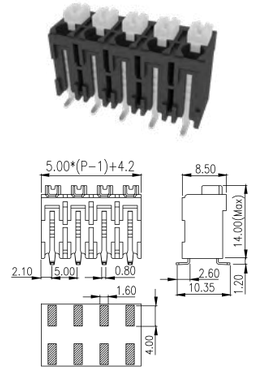
0141-22XX



5.00mm

0188-12XXSMDWR

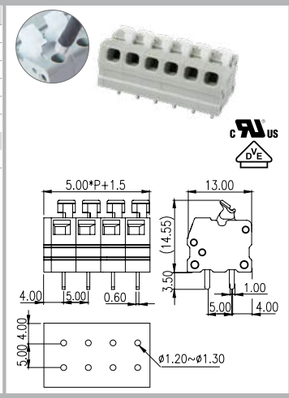
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	13.5A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
02~08P		



5.00mm

0137-11XX

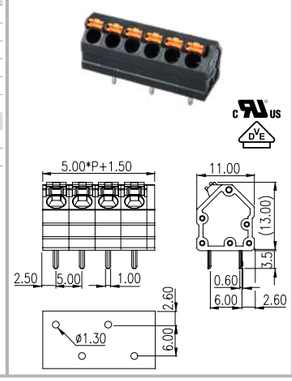
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~14	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
02~24P		



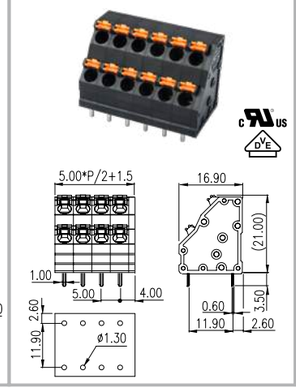
5.00mm

0152-01XX

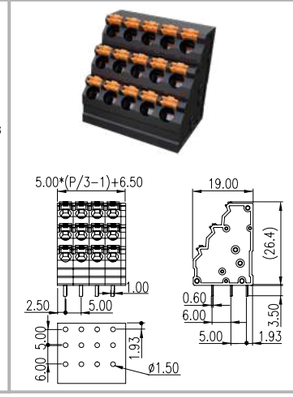
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
0152-01XX	02~24P	
0152-02XX	04~48P	



0152-02XX



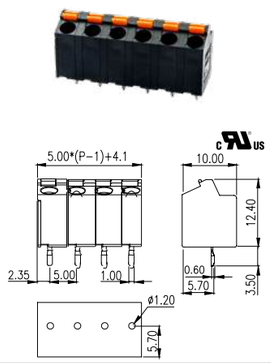
0152-03XX



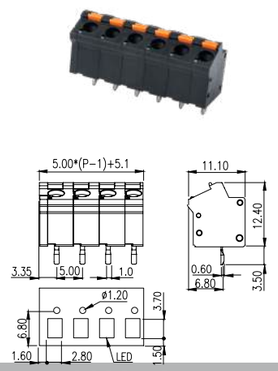
5.00mm

0185-31XX

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	14A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
0185-31XX	02~24P	
0185-32XX	02~20P	



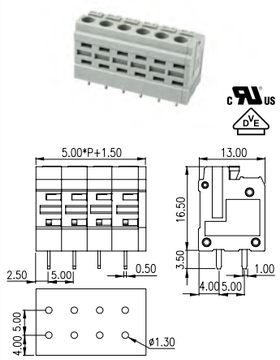
0185-32XX



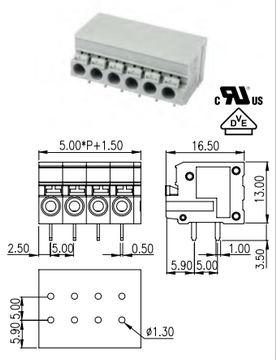
5.00mm

0138-70XX

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~14	0.2~1.5
Flexible (AWG/mm²)		0.2~1.5
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		



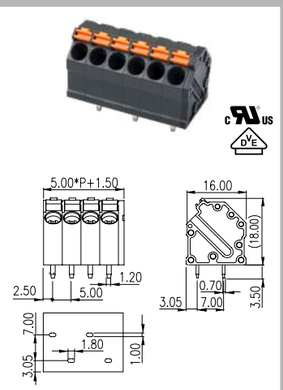
0138-76XX



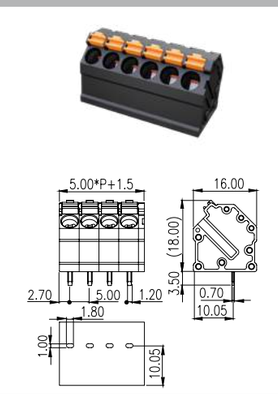
5.00mm

0153-01XX

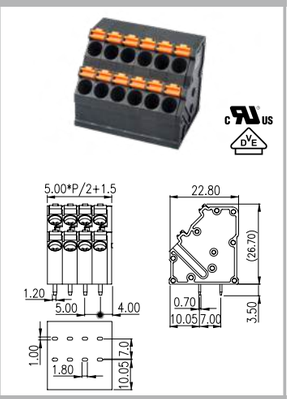
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~14mm	
Number of Positions		
0153-01XX	02~24P	
0153-91XX		
0153-02XX	04~48P	



0153-91XX



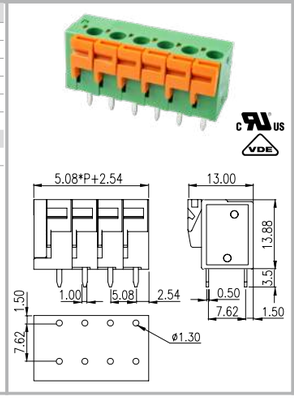
0153-02XX



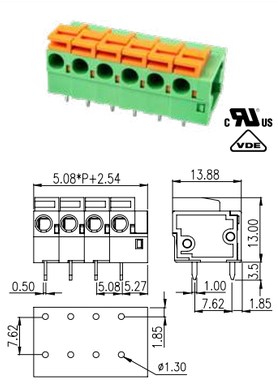
5.08mm

142V-XXP

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	10A	17.5A
Solid (AWG/mm²)	22~14	0.5~1.5
Flexible (AWG/mm²)	22~14	0.5~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		



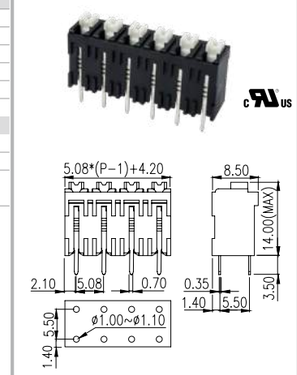
142R-XXP



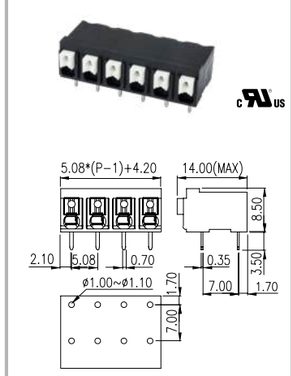
5.08mm

0138-60XX
0138-60XXL

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
0138-61XX	02~16P	
0138-60XX	02~18P	
0138-60XXL	02~24P	
0138-61XXL		



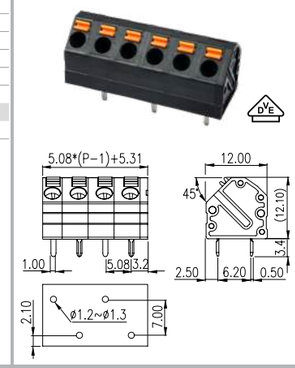
0138-61XX
0138-61XXL



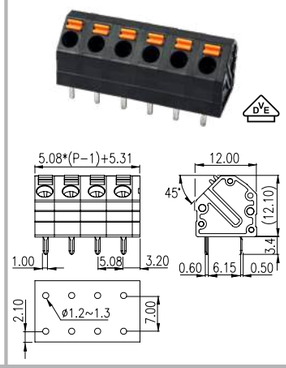
5.08mm

0141-21XX

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		



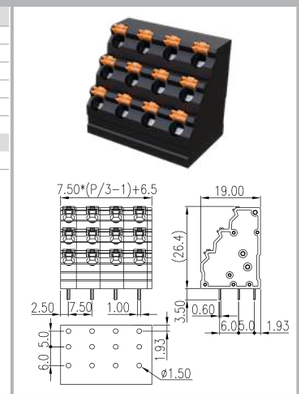
0141-24XX



7.50mm

0152-53XX

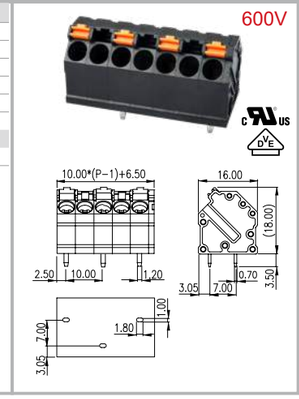
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~14	0.2~1.5
Flexible (AWG/mm²)		0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
06~33P		



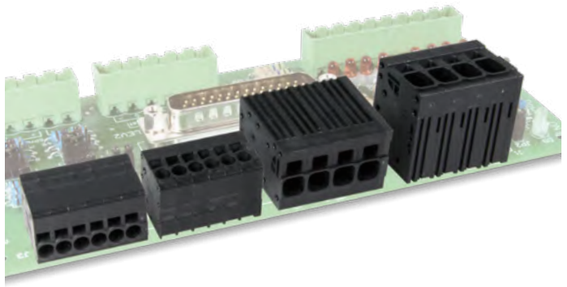
10.00mm

0153-41XX

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		8KV
Wire strip length	12~14mm	
Number of Positions		
02~12P		



Front Entry
PID Terminal Blocks



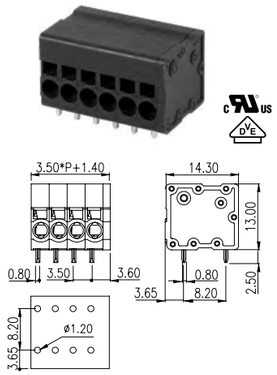
Connection method: Push-in connection
Pitch: 3.50mm / 5.00mm / 6.35mm / 7.50mm / 10.00mm / 15.00mm
UL Rated: 300V / 10A ~ 600V / 101A
IEC Rated: 320V / 17.5A ~ 1000V / 125A

- 2 pins on each pole for excellent stability on PCB
- Versions with horizontal and vertical wire entry direction
- For stranded wire connection without ferrules, the clamp shall be opened by a screwdriver

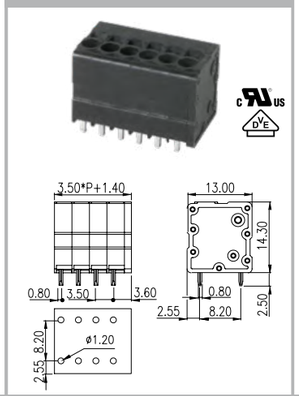
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0177-31XX



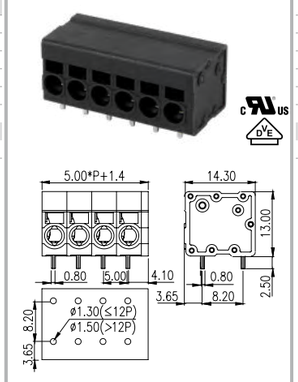
0177-33XX



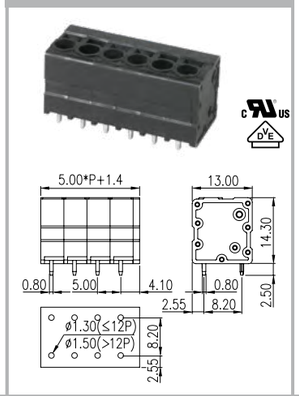
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0177-51XX



0177-53XX

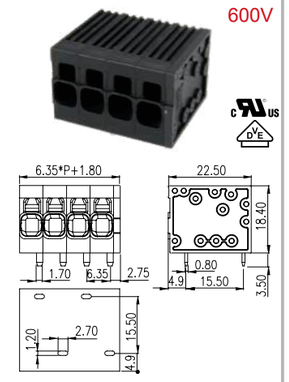


6.35mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	25A	32A
Solid (AWG/mm²)	24~10	0.2~4
Flexible (AWG/mm²)	24~10	0.2~4
Rated impulse voltage		8KV
Wire strip length	13~14mm	
Number of Positions		
02~16P		

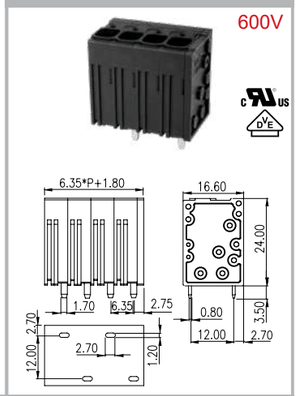
0177-76XX

600V



0177-78XX

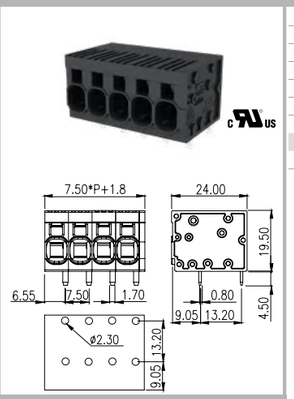
600V



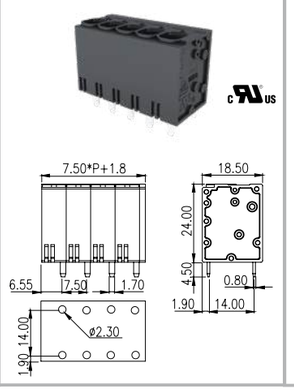
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	36A	41A
Solid (AWG/mm²)	24~8	0.2~10
Flexible (AWG/mm²)	24~8	0.2~6
Rated impulse voltage		6KV
Wire strip length	15mm	
Number of Positions		
02~16P		

0177-81XX



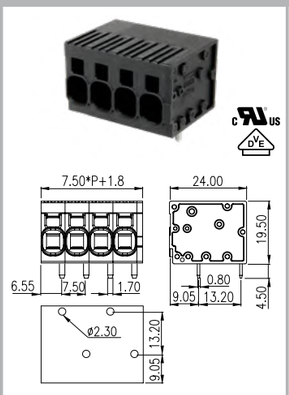
0177-83XX



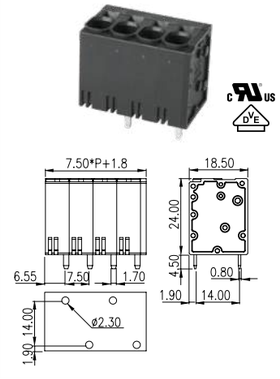
7.50mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	36A	41A
Solid (AWG/mm²)	24~8	0.2~10
Flexible (AWG/mm²)	24~8	0.2~6
Rated impulse voltage		8KV
Wire strip length	15~16mm	
Number of Positions		
02~16P		

0177-86XX



0177-88XX

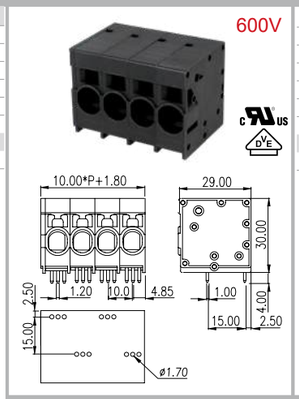


10.00mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	66A	76A
Solid (AWG/mm²)	20~4	0.75~16
Flexible (AWG/mm²)	20~4	0.75~16
Rated impulse voltage		8KV
Wire strip length	18~~20mm	
Number of Positions		
02~12P		

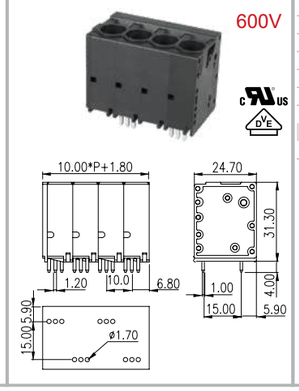
0177-06XX

600V



0177-08XX

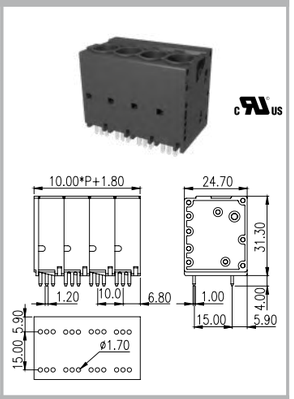
600V



10.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	66A	76A
Solid (AWG/mm²)	20~4	0.75~16
Flexible (AWG/mm²)	20~4	0.75~16
Rated impulse voltage		4KV
Wire strip length	18~~20mm	
Number of Positions		
02~12P		

0177-03XX

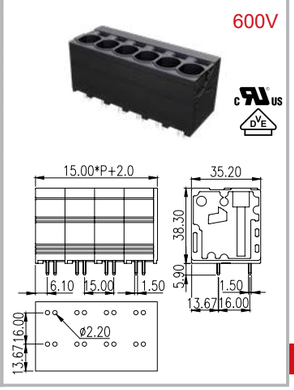


15.00mm

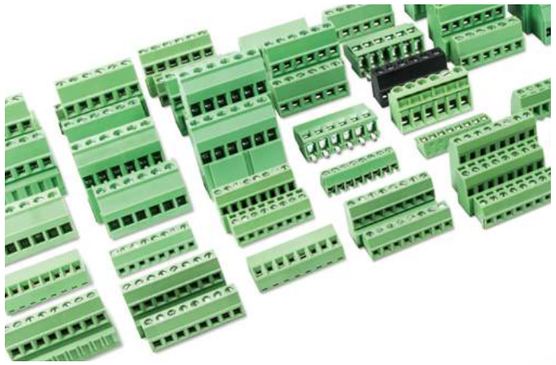
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	101A	125A
Solid (AWG/mm²)	14~2	4~35
Flexible (AWG/mm²)	14~2	4~35
Rated impulse voltage		8KV
Wire strip length	23~25mm	
Number of Positions		
02~06P		

0177-B3XX

600V



Screw Connection
PCB Terminal Blocks

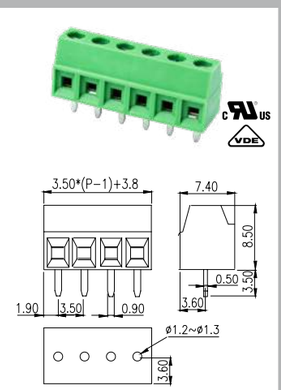


Connection method: Screw connection
Pitch: 2.54mm / 3.50mm / 3.81mm / 5.00mm / 6.35mm / 7.50mm / 9.52mm / 10.10mm / 15.00mm / 17.50mm / 20.00mm
UL Rated: 150V / 10A ~ 600V / 200A
IEC Rated: 160V / 8A ~ 1000V / 232A

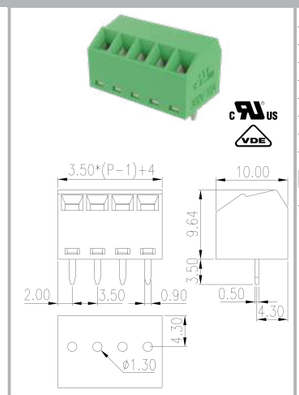
- Versions with single, double and triple-level PCB terminal blocks
- Horizontal, vertical and 45 degrees wire entry directions
- Space saving and finger-safe housing design
- Special markings on the housing for identification are available by request

3.50mm EK350V-XXP

Technical Data	UL	IEC
Rated voltage	300V	130V
Rated current	10A	12A
Solid (AWG/mm²)	30~16	0.14~1.5
Flexible (AWG/mm²)	30~16	0.14~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	5~6mm	
Number of Positions		
02~24P		

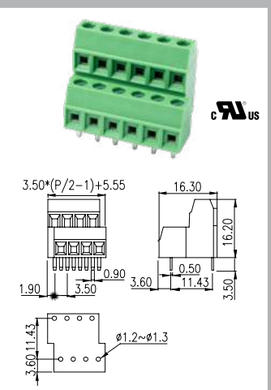


EK350A-XXP



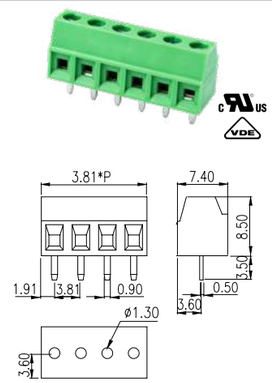
3.50mm EK350V4L-XXP

Technical Data	UL	IEC
Rated voltage	300V	130V
Rated current	10A	10A
Solid (AWG/mm²)	30~16	0.2~1.5
Flexible (AWG/mm²)	30~16	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	5~6mm	
Number of Positions		
04~40P		

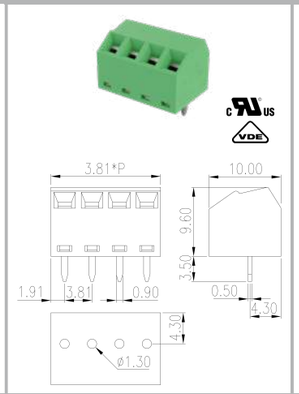


3.81mm EK381V-XXP

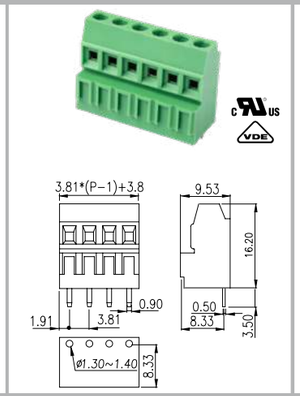
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	12A	12A
Solid (AWG/mm²)	30~16	0.5~1.5
Flexible (AWG/mm²)	30~16	0.5~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	5~6mm	
Number of Positions		
EHK381V-XXP	02~16P	
EK381V-XXP	02~24P	
EK381A-XXP	02~24P	
EEK381V-XXP	02~24P	
E3K381V-XXP	02~24P	



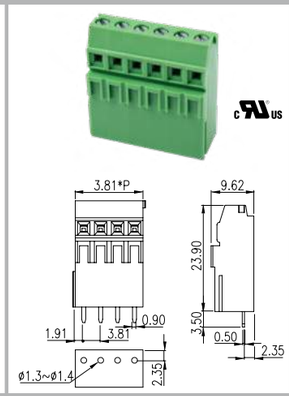
EK381A-XXP



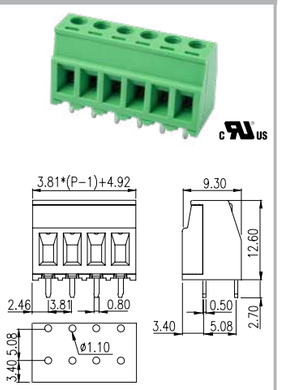
EEK381V-XXP



E3K381V-XXP

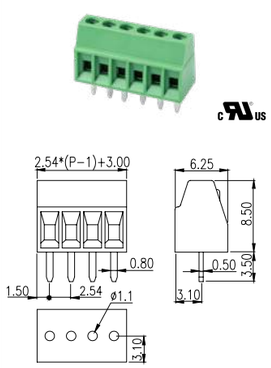


EHK381V-XXP



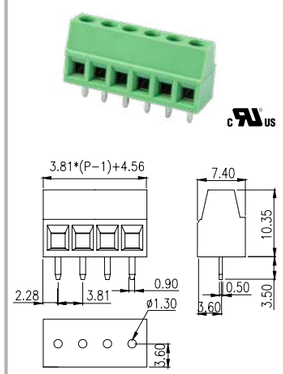
2.54mm EK254V-XXP

Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	10A	8A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2	
Screw	M1.6	
Wire strip length	4~5mm	
Number of Positions		
02~16P		

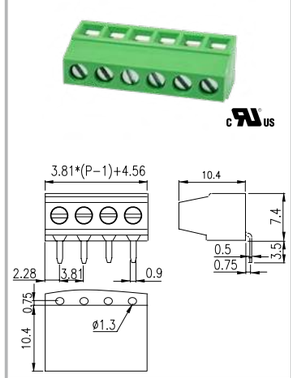


3.81mm ESK381V-XXP

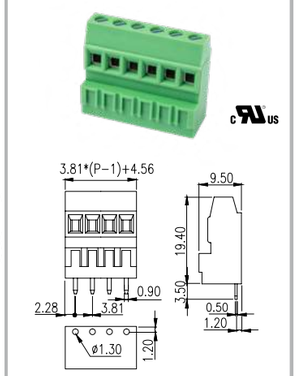
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	15A	12A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	5~6mm	
Number of Positions		
ESK381V-XXP	02~24P	
ESK381R-XXP	02~24P	
EESK381V-XXP	02~24P	
ESK381V4L-XXP	04~48P	



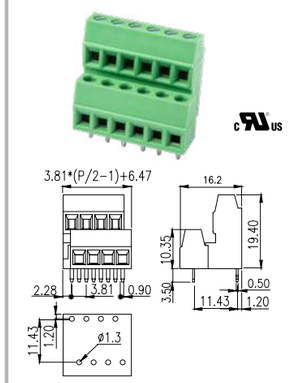
ESK381R-XXP



EESK381V-XXP

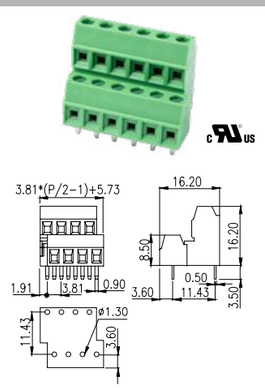


ESK381V4L-XXP

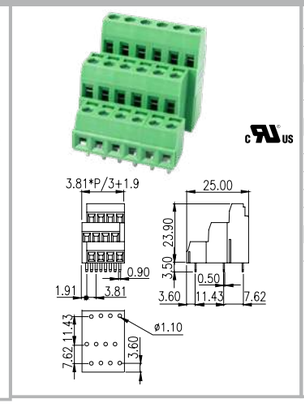


3.81mm EK381V4L-XXP

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	12A	12A
Solid (AWG/mm²)	30~16	0.5~1.5
Flexible (AWG/mm²)	30~16	0.5~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	5~6mm	
Number of Positions		
EK381V4L-XXP	04~48P	
EK381V3L-XXP	06~72P	

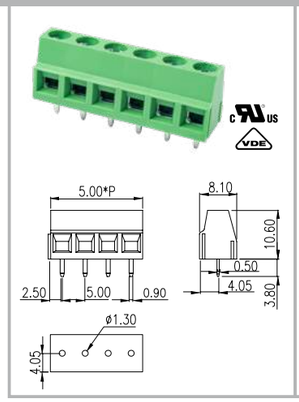


EK381V3L-XXP

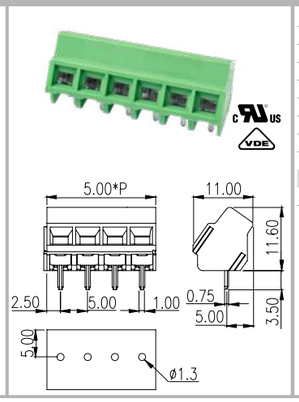


5.00mm ELK500V-XXP

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	17.5A
Solid (AWG/mm²)		
ELK500V-XXP	30~16	0.14~1.5
ELK500S-XXP	30~14	0.14~1.5
Flexible (AWG/mm²)		
ELK500V-XXP	30~16	0.14~1.5
ELK500S-XXP	30~14	0.14~1.5
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~24P		

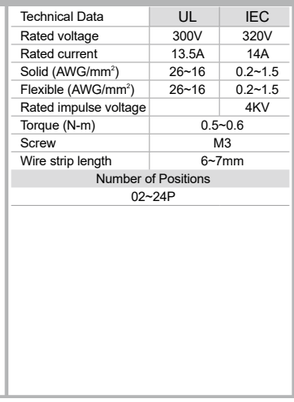


ELK500S-XXP



5.00mm ELK500B-XXP

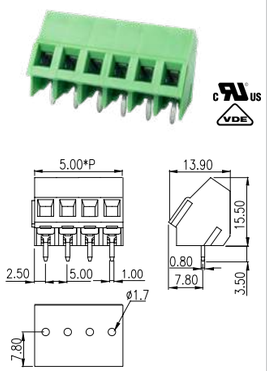
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	13.5A	14A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	6~7mm	
Number of Positions		
02~24P		



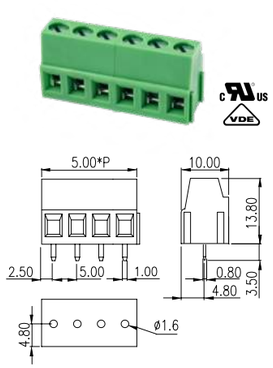
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm²)		
EK500A-XXP	24~12	0.14~2.5
EK500V-XXP		0.5~2.5
EK500R-XXP		
Flexible (AWG/mm²)		
EK500A-XXP	24~12	0.14~2.5
EK500V-XXP		0.5~2.5
EK500R-XXP		
Rated impulse voltage	4KV	
Torque (N-m)	0.5~0.8	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

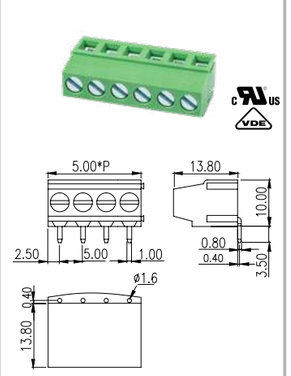
EK500A-XXP



EK500V-XXP



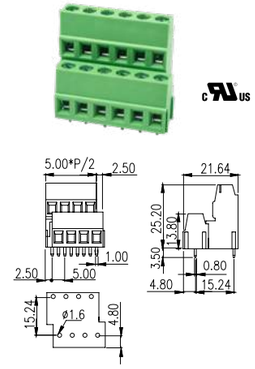
EK500R-XXP



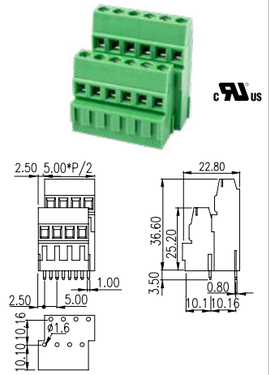
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EK500V4L-XXP	04~60P	
EK500V2L-XXP	04~20P	
EK500V3L-XXP	06~72P	

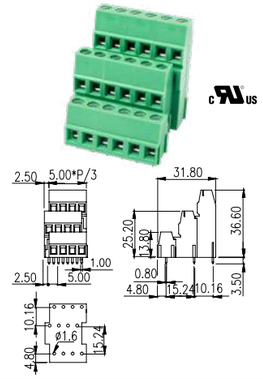
EK500V4L-XXP



EK500V2L-XXP



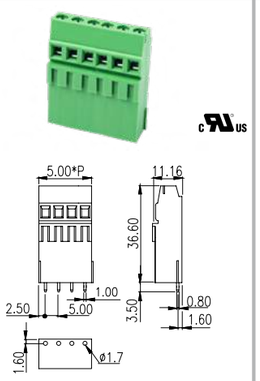
EK500V3L-XXP



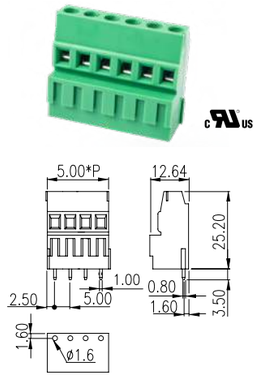
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
E3K500V-XXP	02~24P	
EEK500V-XXP	02~14P	

E3K500V-XXP



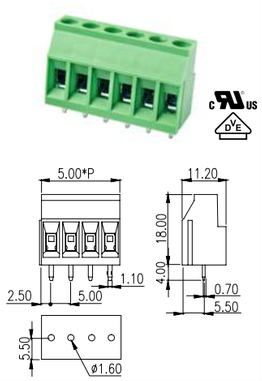
EEK500V-XXP



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~24P		

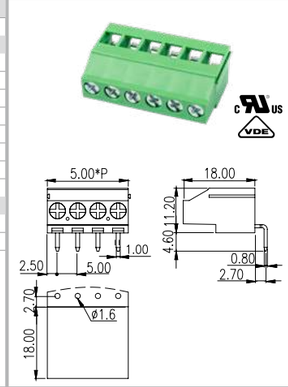
EHK5V-XXP



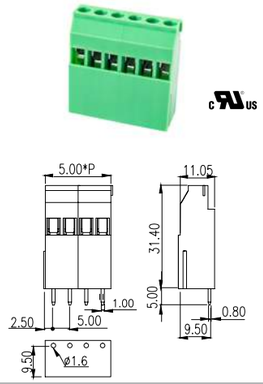
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current		
EHK500R-XXP	25A	24A
E2HK500V-XXPAM	20A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EHK500R-XXP	02~24P	
E2HK500V-XXPAM	02~16P	

EHK500R-XXP



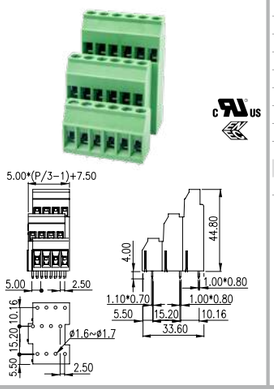
E2HK500V-XXPAM



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
06~72P		

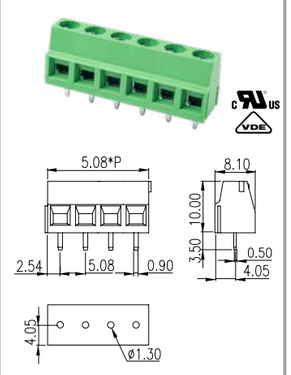
EHK5V3L-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	14A
Solid (AWG/mm²)	30~16	0.5~1.5
Flexible (AWG/mm²)	30~16	0.5~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~24P		

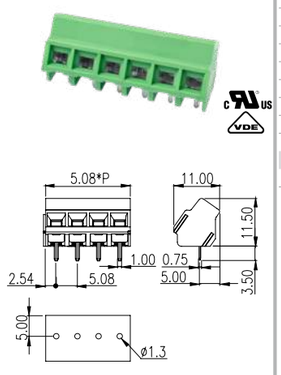
ELK508V-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	17.5A
Solid(AWG/mm²)	30~14	0.14~1.5
Flexible (AWG/mm²)	30~14	0.14~1.5
Rated impulse voltage		4KV
Torque(N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~24P		

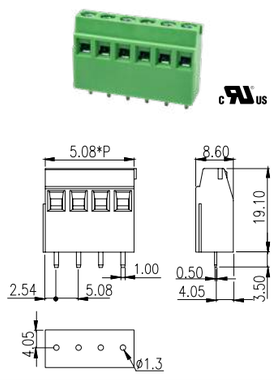
ELK508S-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	13.5A	13.5A
Solid (AWG/mm²)	30~14	0.14~1.5
Flexible (AWG/mm²)	30~14	0.14~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

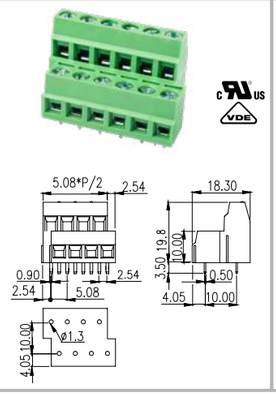
E2LK508V-XXP



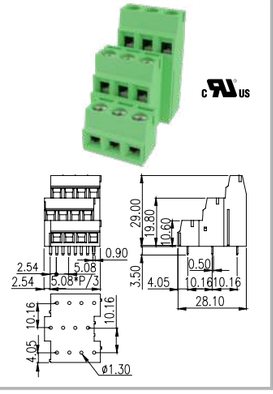
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	13.5A	14A
Solid (AWG/mm²)	26~16	0.5~1.5
Flexible (AWG/mm²)	26~16	0.5~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EELK508V-XXP	04~32P	
ELK508V3L-XXP	06~48P	

EELK508V-XXP



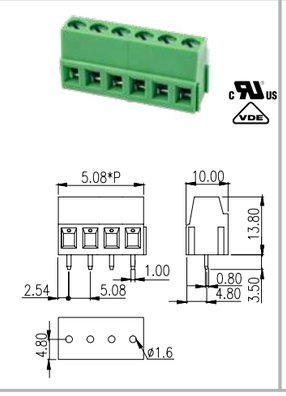
ELK508V3L-XXP



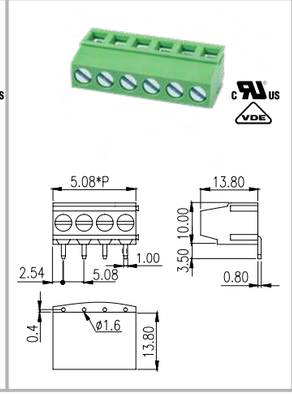
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm²)		
EK508V-XXP	24~12	0.5~2.5
EK508R-XXP		
EK508A-XXP		0.14~2.5
Flexible (AWG/mm²)		
EK508V-XXP	24~12	0.5~2.5
EK508R-XXP		
EK508A-XXP		0.14~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length		
EK508V-XXP	6~7mm	
EK508R-XXP		
EK508A-XXP	7~8mm	
Number of Positions		
EK508V-XXP	02~24P	
EK508R-XXP		
EK508A-XXP	02~25P	

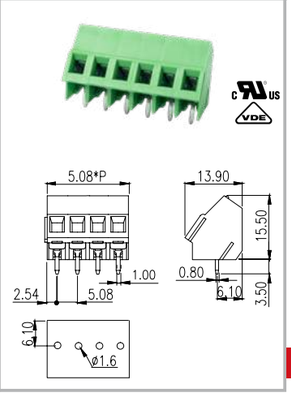
EK508V-XXP



EK508R-XXP



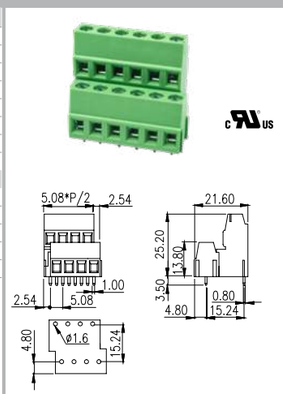
EK508A-XXP



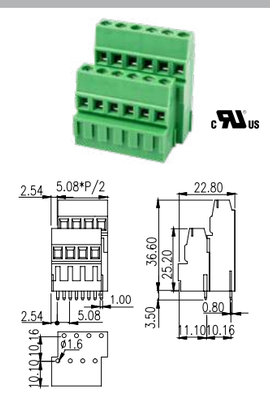
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EK508V4L-XXP	04~70P	
EK508V2L-XXP	04~36P	
EK508V3L-XXP	06P, 09P...up to 72P	
E3K508V-XXP	02P, 03P...up to 24P	
EEK508V-XXP	02~15P	

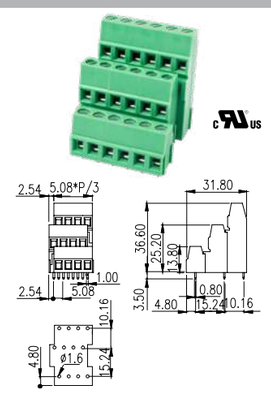
EK508V4L-XXP



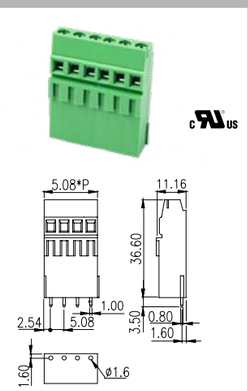
EK508V2L-XXP



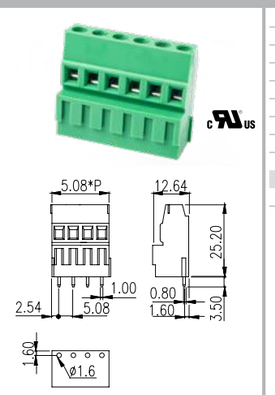
EK508V3L-XXP



E3K508V-XXP



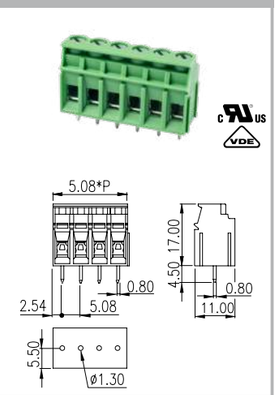
EEK508V-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	23A	24A
Solid (AWG/mm²)	26~12	0.5~2.5
Flexible (AWG/mm²)	26~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~24P		

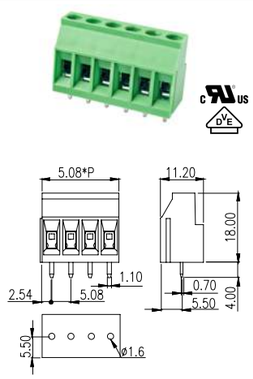
ESK508V-XXP



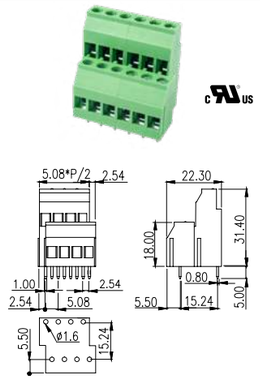
5.08mm

Technical Data	UL	IEC
Rated voltage		
EHK2V-XXP	300V	300V
EEHK2V-XXP	300V	250V
Rated current	25A	24A
Solid (AWG/mm²)		
EHK2V-XXP	24~12	0.2~4
EEHK2V-XXP	24~12	0.5~2.5
Flexible (AWG/mm²)		
EHK2V-XXP	24~12	0.2~2.5
EEHK2V-XXP	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EHK2V-XXP	02~24P	
EEHK2V-XXP	04~48P	

EHK2V-XXP



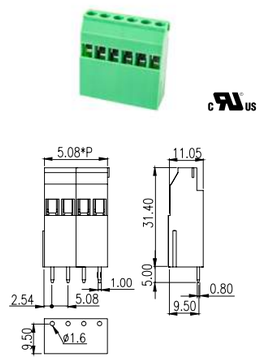
EEHK2V-XXP



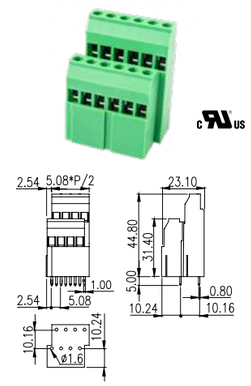
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
E2HK508V-XXP	02P, 03P...up to 16P	
EHK508V2L-XXP	04P, 06P...up to 48P	
EHK508V3L-XXP	06P, 09P...up to 72P	

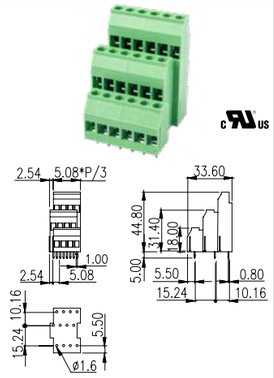
E2HK508V-XXPAM



EHK508V2L-XXP



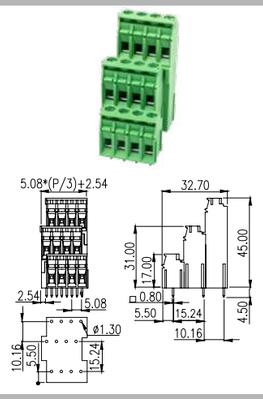
EHK508V3L-XXP



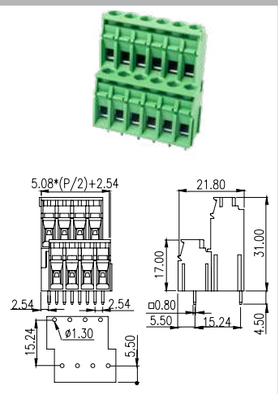
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	24A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
ESK508V3L-XXP	06~48P	
ESK508V4L-XXP	04~32P	

ESK508V3L-XXP



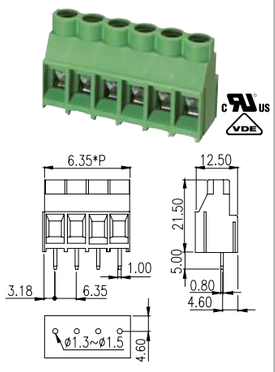
ESK508V4L-XXP



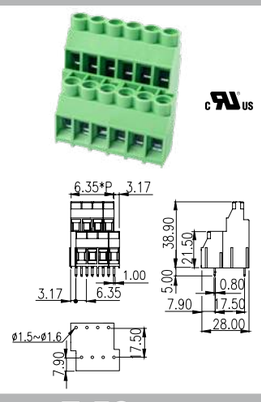
6.35mm

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	30A	32A
Solid (AWG/mm²)	26~10	0.2~4.0
Flexible (AWG/mm²)	26~10	0.2~4.0
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	8~9mm	
Number of Positions		
ESK635V-XXP	02~24P	
EKB635V-XXP	04P, 06P…up to 48P	

ESK635V-XXP



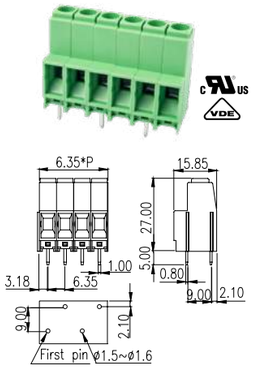
EKB635V-XXP



6.35mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	35A	41A
Solid (AWG/mm²)	18~8	0.2~6
Flexible (AWG/mm²)	18~8	0.2~6
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	9~10mm	
Number of Positions		
02~16P		

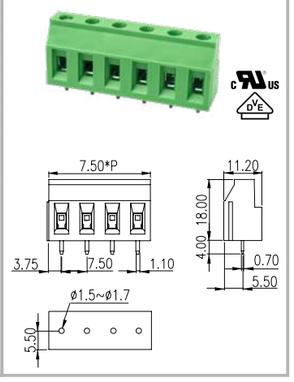
EPK635VN-XXP



7.50mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~16P		

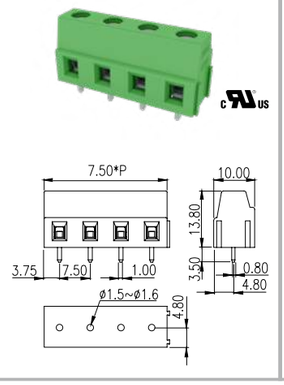
EHK7V-XXP



7.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~16P		

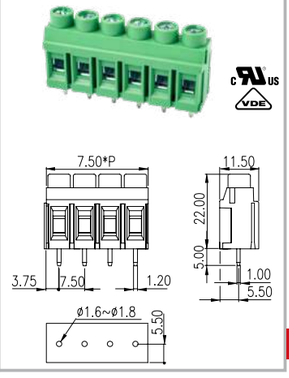
EK750V-XXP



7.50mm

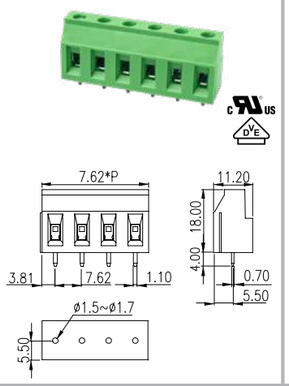
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	30A	32A
Solid (AWG/mm²)	24~10	0.2~4
Flexible (AWG/mm²)	24~10	0.2~4
Rated impulse voltage		6KV
Torque (N-m)	0.8~1	
Screw	M3.5	
Wire strip length	7~8mm	
Number of Positions		
02~12P		

ESK750V-XXP



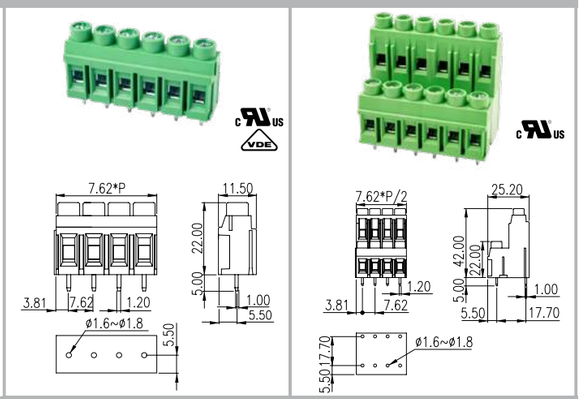
7.62mm — EHK3V-XXP

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~16P		



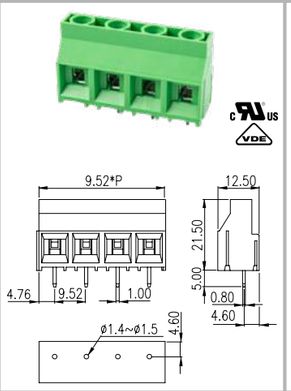
7.62mm — ESK762V-XXP / EKB762V-XXP

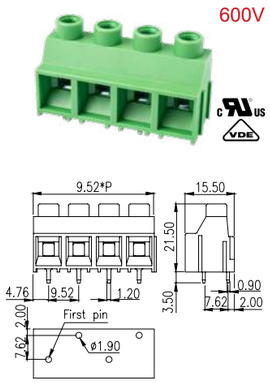
Technical Data	UL	IEC
Rated voltage	300V	750V
Rated current	30A	32A
Solid (AWG/mm²)	24~10	0.2~4
Flexible (AWG/mm²)	24~10	0.2~4
Rated impulse voltage		
ESK762V-XXP		6KV
EKB762V-XXP		4KV
Torque (N-m)	0.8~1	
Screw	M3.5	
Wire strip length	7~8mm	
Number of Positions		
ESK762V-XXP	02~12P	
EKB762V-XXP	04P, 06P…32P	



9.52mm — EK950V-XXP / EK950HVN-XXP

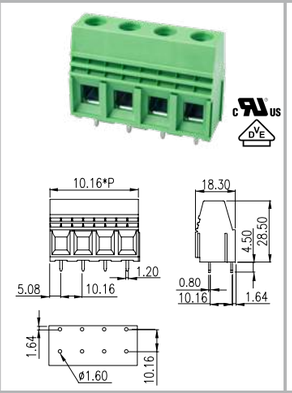
Technical Data	UL	IEC
Rated voltage		
EK950V-XXP	300V	1000V
EK950HVN-XXP	600V	1000V
Rated current	30A	32A
Solid (AWG/mm²)		
EK950V-XXP	26~10	0.5~4.0
EK950HVN-XXP	26~10	0.2~6
Flexible (AWG/mm²)		
EK950V-XXP	26~10	0.5~4.0
EK950HVN-XXP	26~10	0.2~4
Rated impulse voltage		8KV
Torque (N-m)		
EK950V-XXP	0.5~1.0	
EK950HVN-XXP	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~25P		





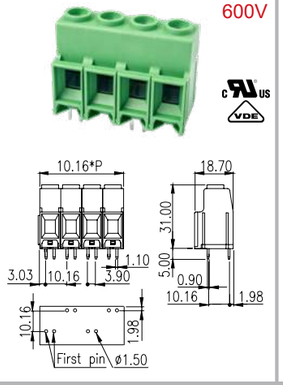
10.16mm — ESKW116V-XXP

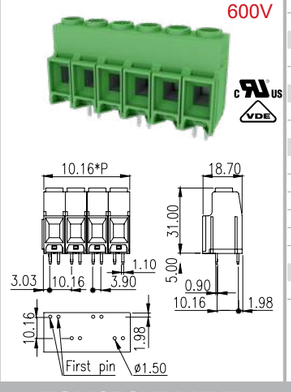
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	76A
Solid (AWG/mm²)	22~6	0.5~16
Flexible (AWG/mm²)	22~6	0.5~16
Rated impulse voltage		6KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	13~14mm	
Number of Positions		
02~10P		



10.16mm — EPK116VN-XXP / EPK116VS-XXP

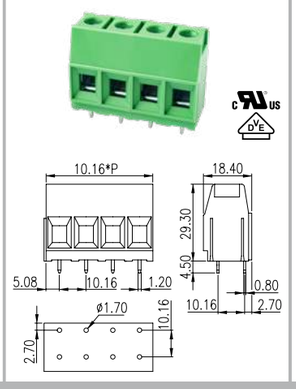
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	57A / 65A	76A
Solid (AWG/mm²)	20~6	0.5~16
Flexible (AWG/mm²)	20~6	0.5~16
Rated impulse voltage		8KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Number of Positions		
EPK116VN-XXP	02~16P	
EPK116VS-XXP	02~12P	

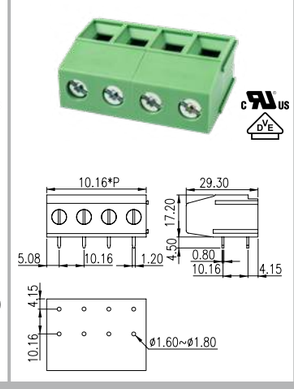


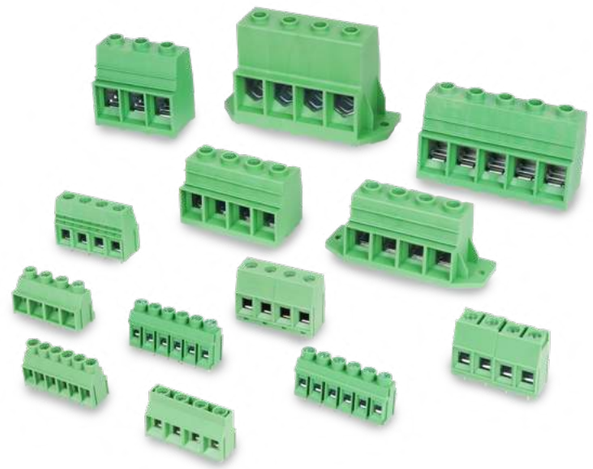


10.16mm — ESK116V-XXP / ESK116R-XXPAM

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current		
ESK116V-XXP	65A	76A
ESK116R-XXPAM	65A	57A
Solid (AWG/mm²)		
ESK116V-XXP	20~6	0.5~16
ESK116R-XXPAM	20~6	0.5~10
Flexible (AWG/mm²)		
ESK116V-XXP	20~6	0.5~16
ESK116R-XXPAM	20~6	0.5~10
Rated impulse voltage		8KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	10~11mm	
Number of Positions		
02P, 03P.....		







ESK series transfers signals, data and power to printed circuit boards simply and securely. It is suitable for applications in many fields in various industries, such as frequency converters, servo drives, PLCs, inverters and other equipments. It can also be used in industrial Internet of Things applications.

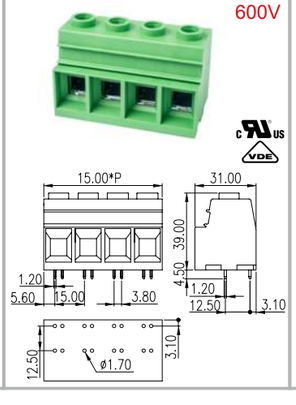
The product range with pitches from 2.54mm to 20 mm is available in metric and inch pitches. The low-loss conductive structure design makes the load temperature rise lower. It can provide high-efficiency output while having excellent conductive properties and also an excellent choose for small to high power Electronic device for a wide range of applications.

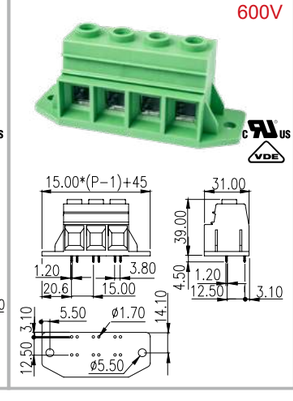
- Compact dimension, easy connection, wide application
- Easy to integrate into panels of the devices for simple operations
- Multi-row layout enables high-density PCB connections

The pitches above 6.35mm are applied in greater power demand and provides reliable driving and control forces, allowing users to have excellent actuating and control capabilities in high-power equipment.

15.00mm — ESK150V-XXP / ESK150VM-XXP

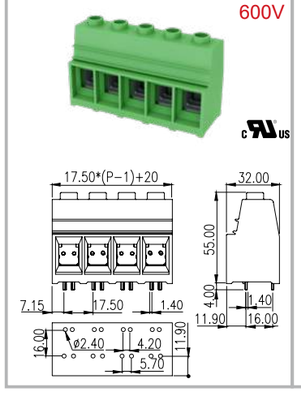
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Solid (AWG/mm²)	20~2	0.5~35
Flexible (AWG/mm²)	20~2	0.5~35
Rated impulse voltage		8KV
Torque (N-m)	3.8~4.5	
Screw	M5	
Wire strip length	18~19mm	
Number of Positions		
ESK150V-XXP	02~09P	
ESK150VM-XXP	01~07P	

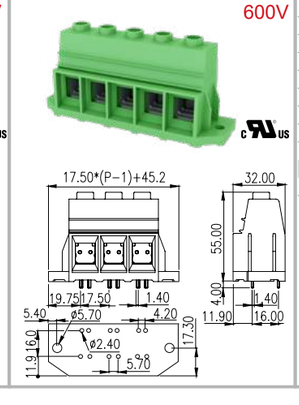




17.50mm — ESK175V-XXP / ESK175VM-XXP

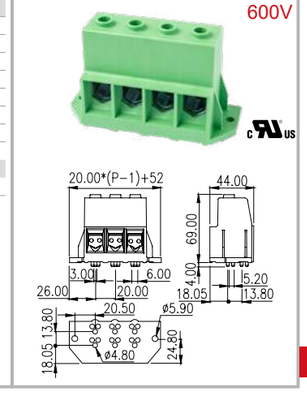
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	160A	192A
Solid (AWG/mm²)	16~2/0	1.5~70
Flexible (AWG/mm²)	16~2/0	1.5~70
Rated impulse voltage		8KV
Torque (N-m)	5~6	
Screw	M6	
Wire strip length	19~21mm	
Number of Positions		
ESK175V-XXP	01~13P	
ESK175VM-XXP	01~11P	



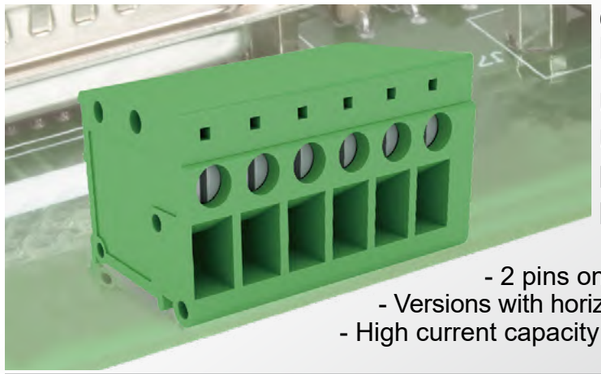


20.00mm — ESK200VM-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	200A	232A
Solid (AWG/mm²)	6~3/0	16~95
Flexible (AWG/mm²)	6~3/0	25~95
Rated impulse voltage		8KV
Torque (N-m)	10~12	
Screw	M8	
Wire strip length	25~26mm	
Number of Positions		
01~06P		



Front Entry Screw Connection Terminal Blocks

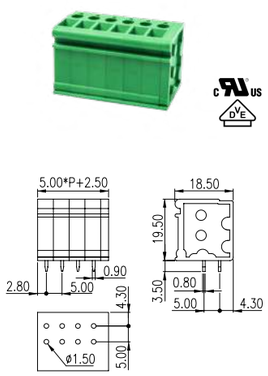


Connection method: Screw connection
Pitch: 5.00mm / 6.35mm / 7.50mm / 7.62mm / 10.00mm
UL Rated Voltage: 300V ~ 600V
UL Rated Current: 20A ~ 65A
IEC Rated Voltage: 300V ~ 1000V
IEC Rated Current: 24A ~ 57A

- 2 pins on each pole for excellent stability on PCB
- Versions with horizontal and vertical wire entry direction to the PCB
- High current capacity up to 30A for 7.62mm pitch products

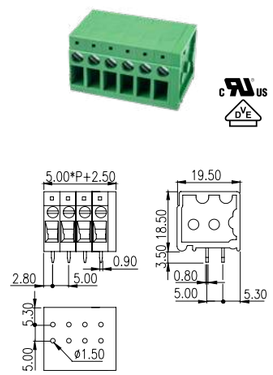
5.00mm DT-123VA-XXP

Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	20A / 26A	24A
Solid (AWG/mm²)	22~12	0.5~2.5
Flexible (AWG/mm²)	22~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	13~14mm	
Number of Positions		
02~24P		



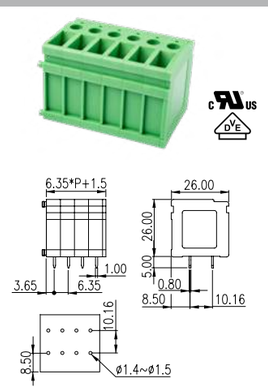
5.00mm DT-123RA-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A / 26A	32A
Solid (AWG/mm²)	22~12	0.5~4
Flexible (AWG/mm²)	22~12	0.5~4
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	13~14mm	
Number of Positions		
02~24P		



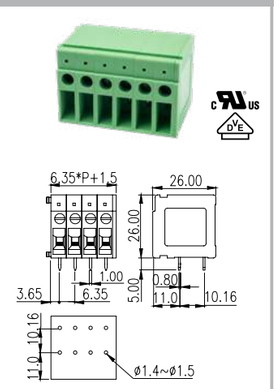
6.35mm DT-2301-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~6
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	
Number of Positions		
02~24P		



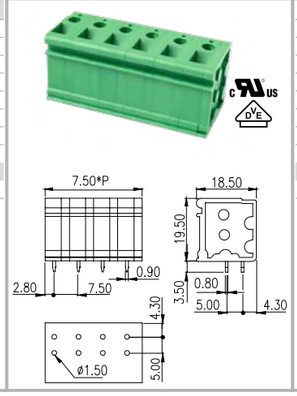
6.35mm DT-2300-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~6
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	
Number of Positions		
02~24P		



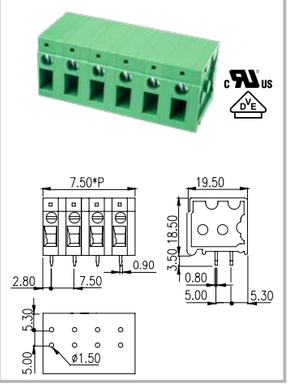
7.50mm DT-123VA-XXP3

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	20A / 26A	24A
Solid (AWG/mm²)	22~12	0.5~2.5
Flexible (AWG/mm²)	22~12	0.5~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	13~14mm	
Number of Positions		
02~24P		



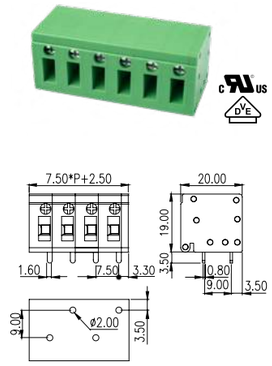
7.50mm DT-123RA-XXP3

Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	20A / 26A	32A
Solid (AWG/mm²)	22~12	0.5~4
Flexible (AWG/mm²)	22~12	0.5~4
Rated impulse voltage		6KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	13~14mm	
Number of Positions		
02~24P		



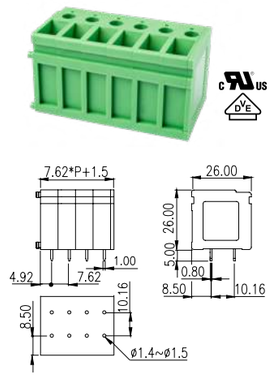
7.50mm DT-123HVR-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	24A
Solid (AWG/mm²)	22~12	0.5~4
Flexible (AWG/mm²)	22~12	0.5~4
Rated impulse voltage		8KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	13~14mm	
Number of Positions		
02~24P		

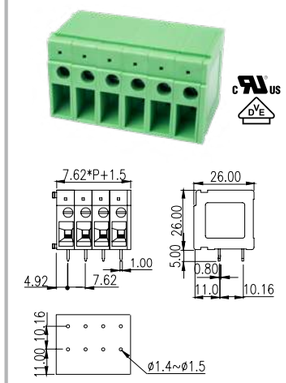


7.62mm DT-2321-XXP

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~4
Rated impulse voltage		6KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	
Number of Positions		
02~16P		



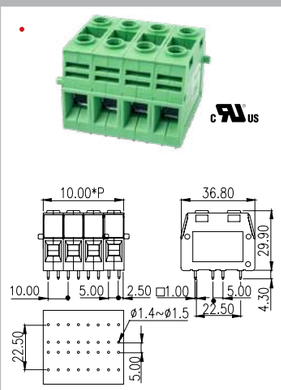
7.62mm DT-2320-XXP



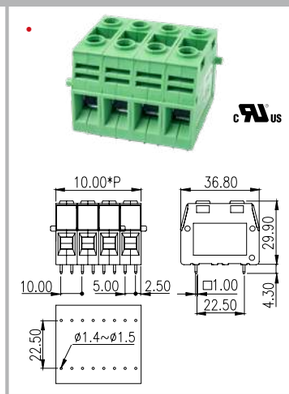
10.00mm PDS-10-XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Solid (AWG/mm²)	24~6	0.5~10
Flexible (AWG/mm²)	24~6	0.5~10
Rated impulse voltage		4KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Marking label	TM28	
Number of Positions		
PDS-10-XX	01P, 02P, 03P.....	
PDS-10S-XX	01P, 02P, 03P.....	

• Made to order



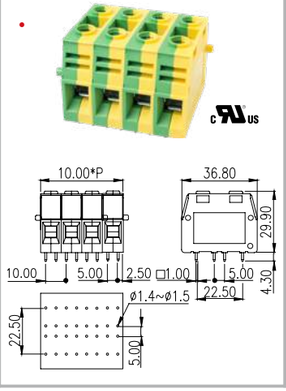
10.00mm PDS-10S-XX



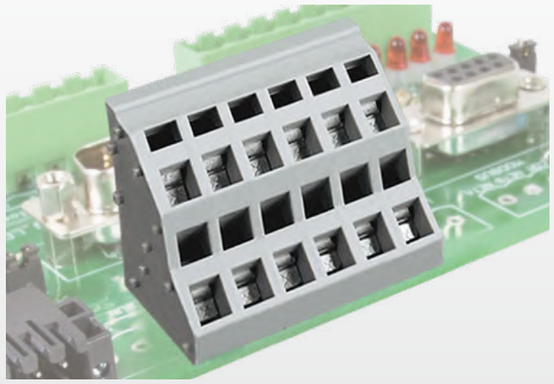
10.00mm PDS-10A-XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current		
Solid (AWG/mm²)	24~6	0.5~10
Flexible (AWG/mm²)	24~6	0.5~10
Rated impulse voltage		4KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Marking label	TM28	
Number of Positions		
PDS-10A-XX	01P, 02P, 03P.....	

• Made to order



Spring Clamp Connection
PCB Terminal Blocks



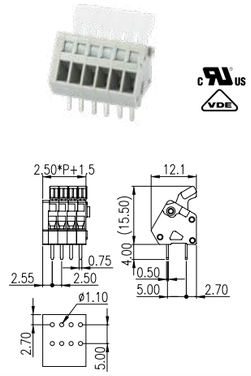
Connection method: Spring clamp connection
Pitch: 2.50mm / 5.00mm / 5.08mm / 7.50mm / 10.00mm
UL Rated: 300V/4A~ 300V/57A
IEC Rated: 130V/6A~ 450V/76A

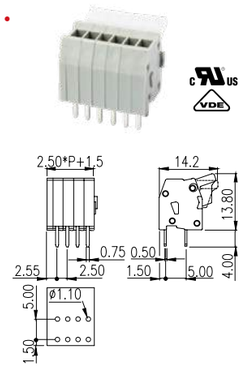
- Versions with single, double, triple and four-level PCB terminal blocks
- Colored marking of individual pole is available by request

2.50mm — WKA250A-XXP / WKV250A-XXP

Technical Data	UL	IEC
Rated voltage	300V	130V
Rated current	4A	6A
Solid (AWG/mm²)	28~20	0.5
Flexible (AWG/mm²)	28~20	0.5
Rated impulse voltage		2.5KV
Wire strip length	5~6mm	
Number of Positions		
WKA250A-XXP	02P, 03P, 04P.....	
WKV250A-XXP	02P, 03P, 04P.....	

• Made to order

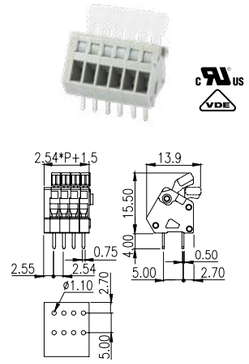


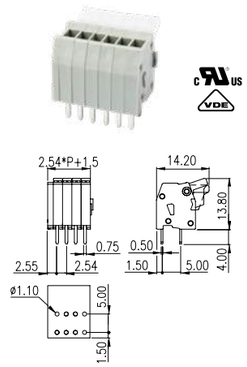


2.54mm — WKA254A-XXP / WKV254A-XXP

Technical Data	UL	IEC
Rated voltage	300V	130V
Rated current	4A	6A
Solid (AWG/mm²)	28~20	0.5
Flexible (AWG/mm²)	28~20	0.5
Rated impulse voltage		2.5KV
Wire strip length	5~6mm	
Number of Positions		
WKA254A-XXP	02P, 03P, 04P.....	
WKV254A-XXP	02P, 03P, 04P.....	

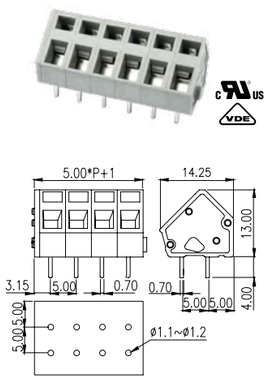
• Made to order



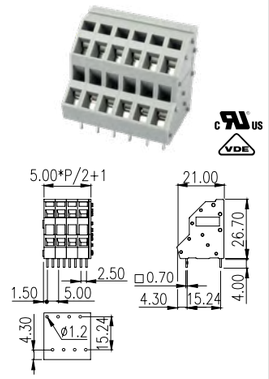


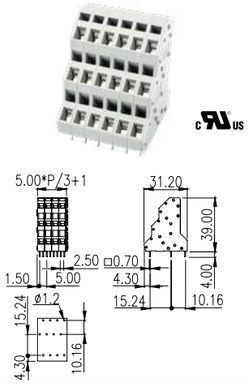
5.00mm — WKA500-XXP / WKK500-XXP / W3K500-XXP / W4K500-XXP

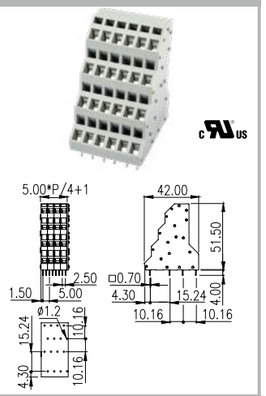
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage		4KV
Wire strip length	5~6mm	
Number of Positions		
WKA500-XXP	02P, 03P, 04P.....	



Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	10A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage		4KV
Wire strip length	6~7mm	
Number of Positions		
WKK500-XXP	04P, 06P, 08P.....	
W3K500-XXP	06P, 09P, 12P.....	
W4K500-XXP	08P, 12P, 16P.....	

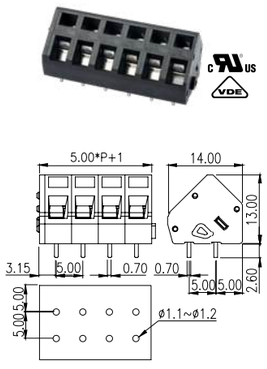






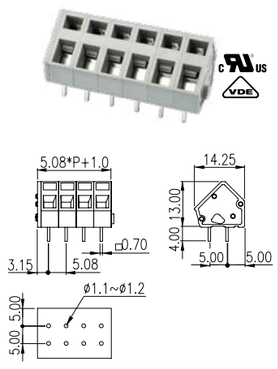
5.00mm — WKA500-XXPL

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	5~6mm	
Number of Positions		
02~12P		

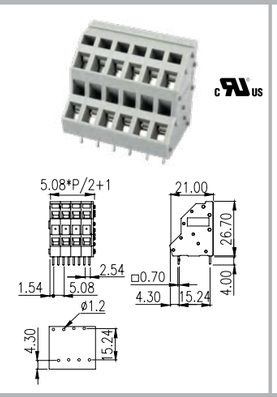


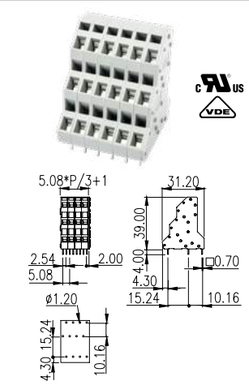
5.08mm — WKA508-XXP / WKK508-XXP / W3K508-XXP / W4K508-XXP

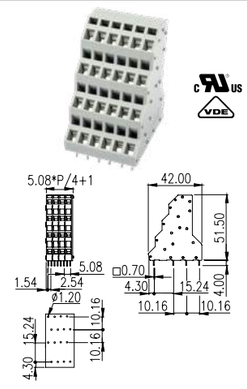
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage		4KV
Wire strip length	5~6mm	
Number of Positions		
02P, 03P, 04P.....		



Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	10A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage		4KV
Wire strip length	6~7mm	
Number of Positions		
WKK508-XXP	04P, 06P, 08P.....	
W3K508-XXP	06P, 09P, 12P.....	
W4K508-XXP	08P, 12P, 16P.....	

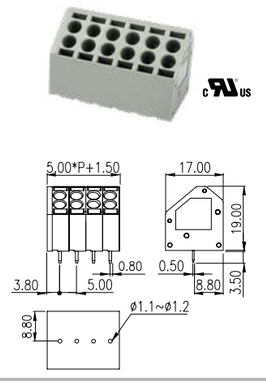






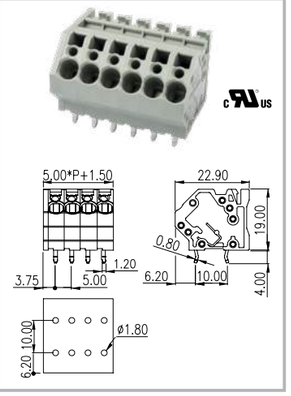
5.00mm — WKA50B-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02P, 03P.....		



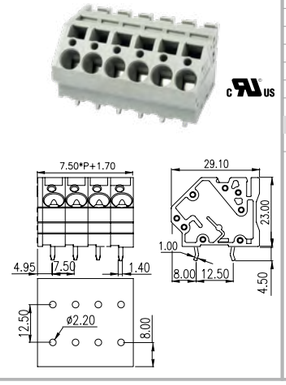
5.00mm — WSKA500S-XXP

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.5~4
Flexible (AWG/mm²)	28~12	0.5~4
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02P, 03P.....		



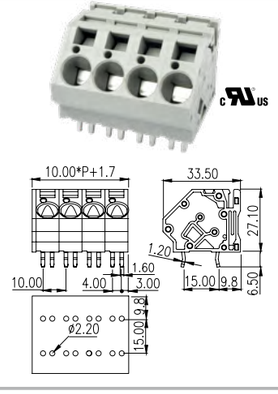
7.50mm — WSKA750S-XXP

Technical Data	UL	IEC
Rated voltage	300V	750V
Rated current	30A	41A
Solid (AWG/mm²)	26~10	0.5~6
Flexible (AWG/mm²)	26~10	0.5~6
Rated impulse voltage		6KV
Wire strip length	14~15mm	
Number of Positions		
WSKA750S-XXP	02P, 03P.....	

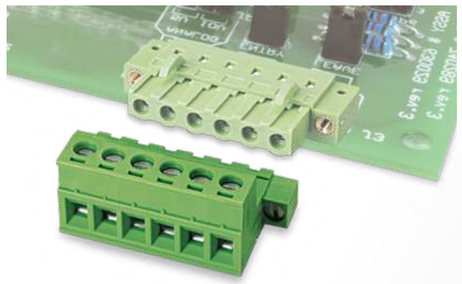


10.00mm — WSKA100-XXP

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	57A	76A
Solid (AWG/mm²)	24~6	0.5~16
Flexible (AWG/mm²)	24~6	0.5~16
Rated impulse voltage		4KV
Wire strip length	14~15mm	
Number of Positions		
WSKA100-XXP	02~12P	



Screw connection Inverted Headers



Connection method: screw connection / inverted plugs

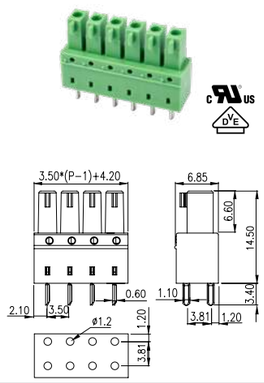
Pitch: 3.50mm / 3.81mm / 5.08mm / 7.62mm / 10.16mm
UL Rated: 300V / 8A~600V / 51A
IEC Rated: 320V / 8A ~ 1000V / 76A

Inverted connectors and its mating parts provide PCB-to-PCB and wire-to-wire connections. It is ideal for applications that require power to be drawn from the PCB. To enhance the insertion and extraction force of the connector, it is equipped with screw flanges, which can be securely locked to the connector. Screw flanges can also be used as panel feedthroughs on the header side, providing additional stability within the unit. These connectors have been certified by UL1059

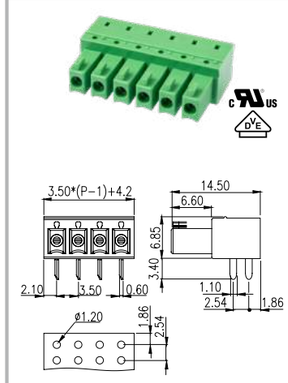
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage		2.5KV
Number of Positions		
02~16P		

EC350CV-XXP



EC350CR-XXP



Socket

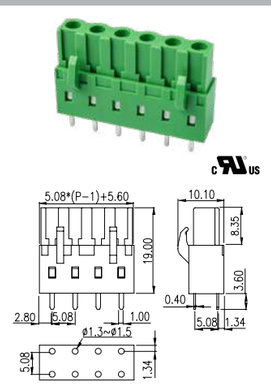
ECH350V-XXP	P69
ECH350R-XXP	P69

Please refer to the related page number for the compatible headers.

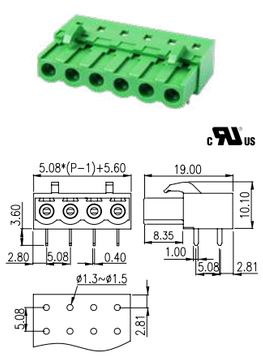
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A/12A	12A
Rated impulse voltage		4KV
Number of Positions		
2ESDCVM-XXP	02~20P	
2ESDCRM-XXP		
2ESDCV-XXP	02~24P	
2ESDCR-XXP		

2ESDCV-XXP



2ESDCR-XXP

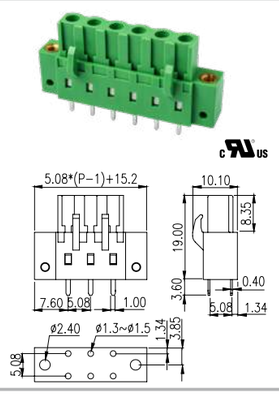


Socket

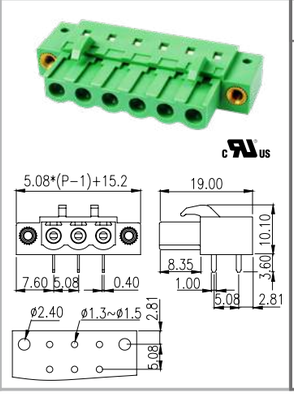
2EHDV-XXP	P76
2EHDVC-XXP	P76
2EHDR-XXP	P76
2EHDRC-XXP	P76

Please refer to the related page number for the compatible headers.

2ESDCVM-XXP



2ESDCRM-XXP



Socket

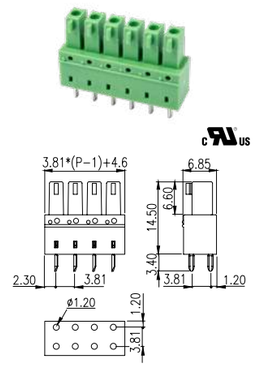
2ESHM-XXP	P122

Please refer to the related page number for the compatible headers.

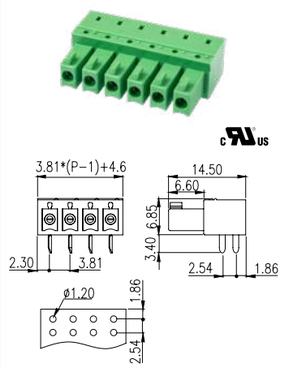
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	12A
Rated impulse voltage		2.5KV
Number of Positions		
02~16P		

EC381CV-XXP



EC381CR-XXP



Socket

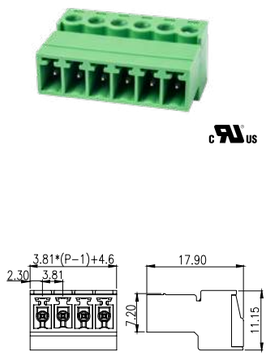
ECH381V-XXP	P71
ECH381R-XXP	P71

Please refer to the related page number for the compatible headers.

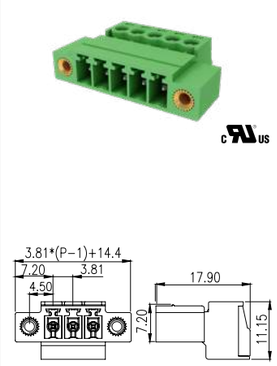
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	12A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

ECSH381V-XXP



ECSH381VM-XXP



Plug

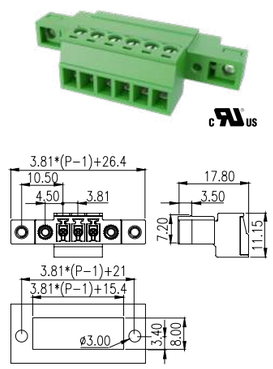
For ECSH381V-XXP	
EC381CV-XXP	P122
EC381CR-XXP	P122
EC381V-XXP	P49
EC381R-XXP	P49
EC381RL-XXP	P49
EC381F-XXP	P50
For ECSH381VM-XXP	
EC381VM-XXP	P49
ECH381RM-XXP	P71

Please refer to the related page number for the compatible headers.

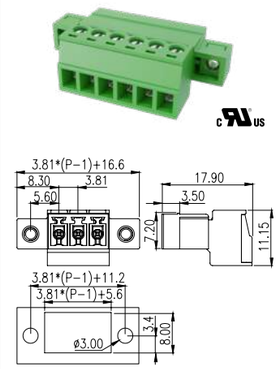
3.81mm

Technical Data	UL	IEC
Rated voltage	300A	320V
Rated current	8A	12A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
ECSH381MK-XXP	02~22P	
ECSH381K-XXP	02~24P	
Accessories		
EHDK1	P66	

ECSH381MK-XXP



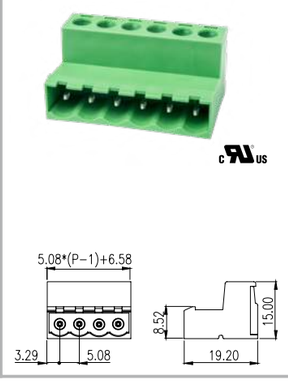
ECSH381K-XXP



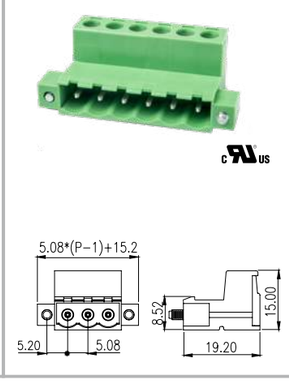
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	15A	12A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.6	
Screw	M2.5	
Wire strip length	7mm	
Number of Positions		
02~12P		
Accessories		
EHDK1	P65	

2ESH-XXP



2ESHM-XXP



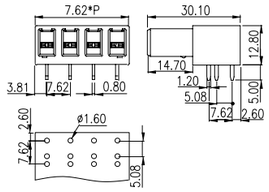
Plug

For 2ESH-XXP	
2ESDCV-XXP	P121
2ESDCR-XXP	P121
For 2ESHM-XXP	
2ESDCVM-XXP	P121
2ESDCRM-XXP	P121

Please refer to the related page number for the compatible headers.

7.62mm — EC762CR-XXP

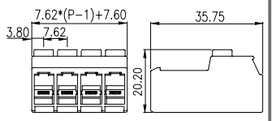
Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	41A	41A
Rated impulse voltage		6KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	



7.62mm — ECSH762V-XXP

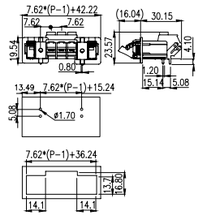
600V

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	41A	41A
Solid (AWG/mm2)	30~8	0.2~6
Flexible (AWG/mm2)	30~8	0.2~6
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	10~11mm	
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	



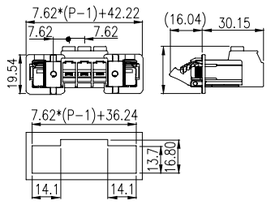
ECSH762SS-XXP

600V



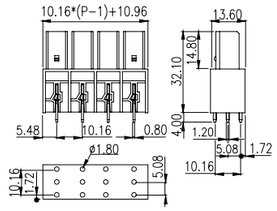
ECSH762FS-XXP

600V



10.16mm — EC116CV-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	51A	76A
Rated impulse voltage		8KV
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	

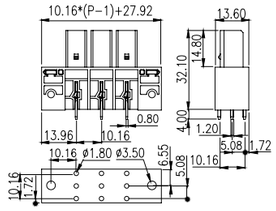


Socket

ECH116V-XXP	P64
ECH116R-XXP	P64
ECH116L-XXP	P64
ECH116HVS-XXP	P64
ECH116HRS-XXP	P64

Please refer to the related page number for the compatible headers.

EC116CVM-XXP



Socket

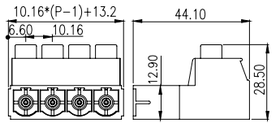
ECSH116VM-XXP	P110

Please refer to the related page number for the compatible headers.

10.16mm — ECSH116V-XXP

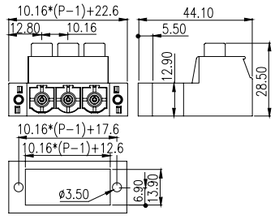
600V

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm²)	16~6	0.5~16
Flexible (AWG/mm²)	16~6	0.5~16
Rated impulse voltage		8KV
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	



ECSH116K-XXP

600V



Plug

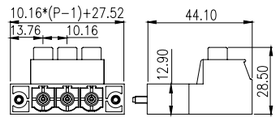
EC116V-XXP	P64
EC116CV-XXP	P110

Please refer to the related page number for the compatible headers.

10.16mm — ECSH116VM-XXP

600V

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm²)	16~6	0.5~16
Flexible (AWG/mm²)	16~6	0.5~16
Rated impulse voltage		8KV
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	



Plug

EC116CVM-XXP	P110

Please refer to the related page number for the compatible headers.

Card Edge Connectors
Connection to PCB

Connection method: push-in or screw connection

Pitch: 3.5mm / 5.0mm
(7.0mm & 10.0mm available on request)

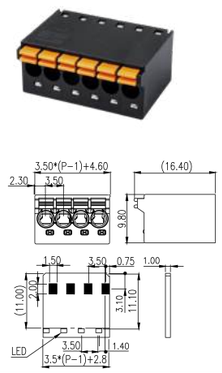
UL Rated: 150V/12A ~300V/6A
IEC Rated: 320V/5A ~400V/12A

- Card-edge connection on a 1.0 or 1.6mm thick PCB
- Push-in connection for quick and easy wiring
- Special indication design on each pole allows integration
- Special indication design on each pole allows integration LED on the PCB for clear signal identification
- CPC350 and 5ESDG are screw connection on a 1.6mm thick PCB

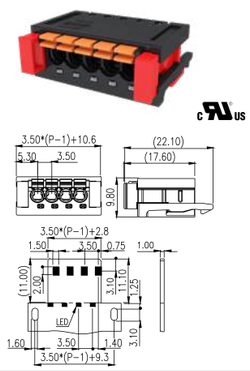
3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	6A	7A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		
PCB thickness		
0184-11XX	1.0 mm	
0184-15XX		
0184-13XX	1.6 mm	
0184-16XX		

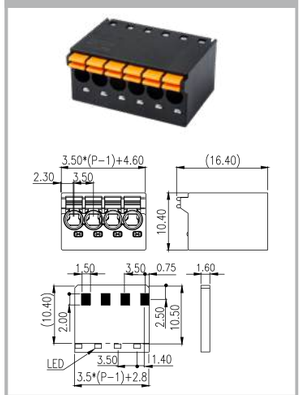
0184-11XX



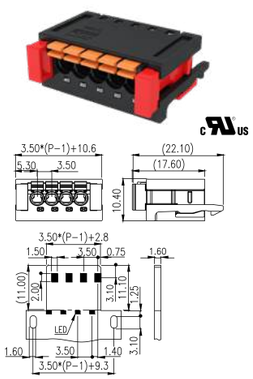
0184-15XX



0184-13XX



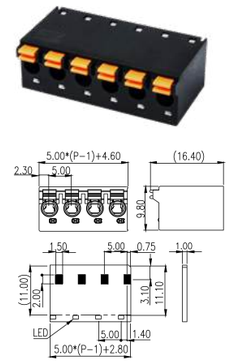
0184-16XX



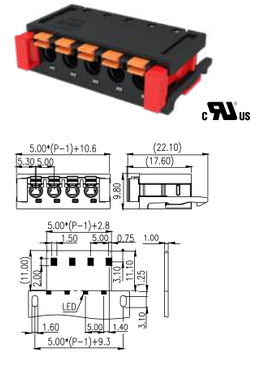
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	6A	7A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~18P		
PCB thickness		
0184-31XX	1.0 mm	
0184-35XX		
0184-33XX	1.6 mm	
0184-36XX		

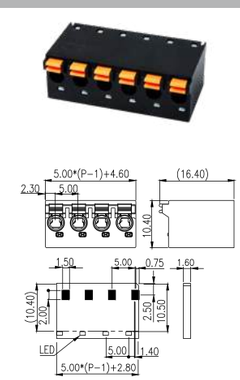
0184-31XX



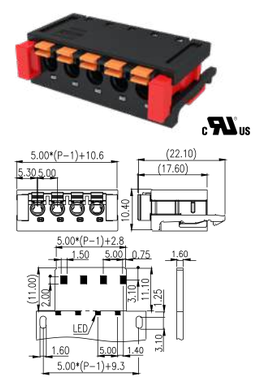
0184-35XX



0184-33XX



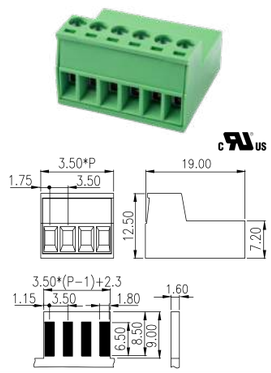
0184-36XX



3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	12A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.2~0.25	
Screw	M2	
Wire strip length	5~6mm	
Number of Positions		
02~24P		
PCB thickness		
1.6 mm		

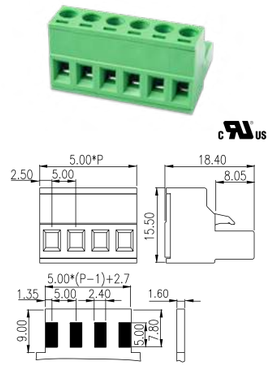
CPC350-XXP



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	16A	14A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~14P		
PCB thickness		
1.6 mm		

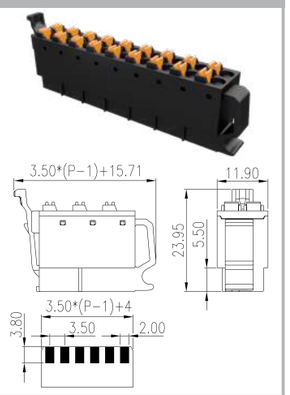
5ESDG-XXP



3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	8A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5
Wire strip length	8~9mm	
Number of Positions		
16P, 18P		
PCB thickness		
1.0 mm		

0184-01XX



PCB Terminal Blocks For Electronic Housing Applications

Connection method: Push-in connection / screw connection
Pitch: 3.81mm / 5.00mm / 5.08mm / 9.00mm / 12.50mm
UL Rated: 150V / 8A ~ 300V / 15A
IEC Rated: 320V / 14A ~ 320V / 20A

- Versions with LED light pipe on 0171 series

- 5ESDT plug (p. 51) is the mating plug for 5EH-XXP sockets

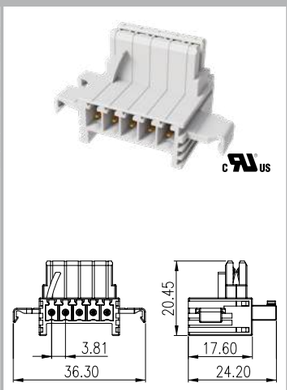
- The terminal block design aims to increase the density of connections on PCB while using as less space as possible, the terminal pins are situated at a right angle of the wire entry direction.

DIN rail connector for DIN rail mounting in 5 pole gold-plated contacts, which helps to connect the modules on the DIN rail to play the role of power and signal transmission. BST-220-05 in black housing is for output function. The connectors fit enclosures in the width of 6.2mm, 17.5mm and 22mm.

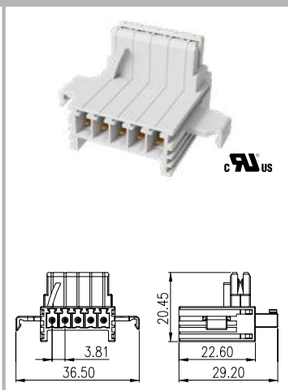
3.81mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	8A	14A
Number of Positions		
05P		
Thickness of applied enclosure		
BST-111-05	17.5 mm	
BST-112-05	22.5 mm	
BST-120-05	6.2 mm	

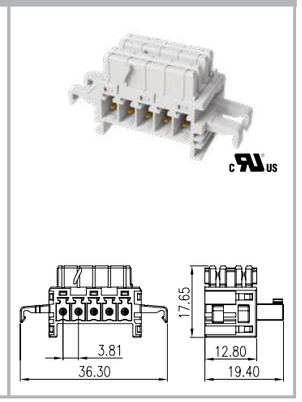
BST-111-05



BST-112-05



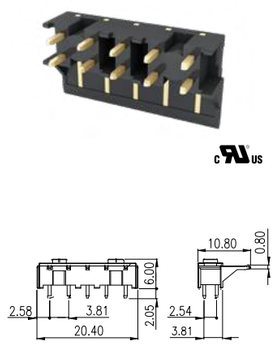
BST-120-05

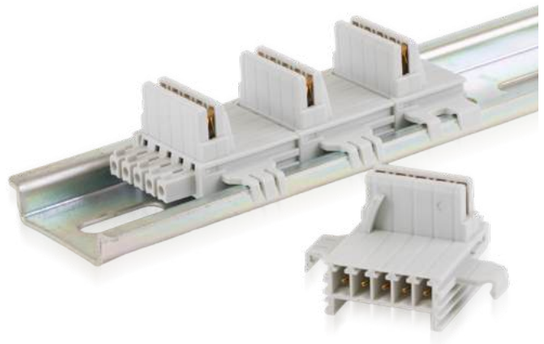


3.81mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	8A	14A
Number of Positions		
05P		
Thickness of applied enclosure		
6.2 mm		

BST-220-05

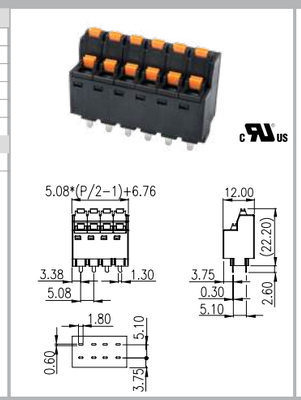




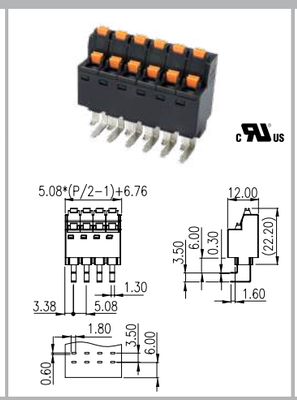
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
04~40P		

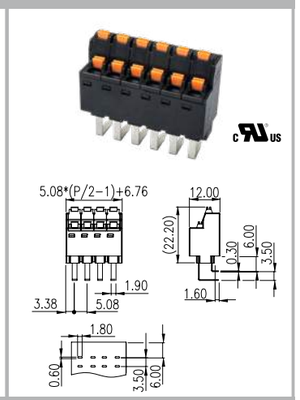
0228-21XX



0228-22XX



0228-23XX

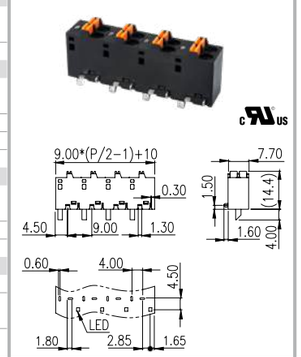


9.00mm

Technical Data	UL	IEC
Number of Positions		
0171-10XX	300V	320V
0171-11XX		
0171-60XX		630V
Rated current		
0171-10XX	8A	14A
0171-11XX		
0171-60XX		15A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		
0171-10XX		4KV
0171-11XX		
0171-60XX		6KV
Wire strip length	7~8mm	
Number of Positions		
0171-60XX	01~04P	
0171-10XX	02~08P	
0171-11XX		

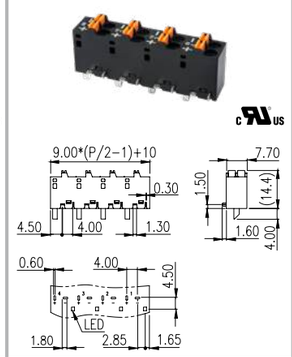
0171-10XX

No marking

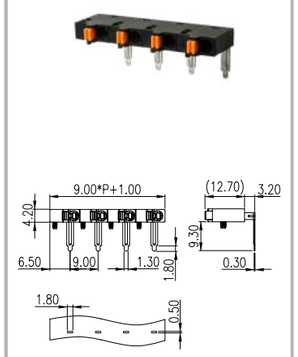


0171-11XX

With marking



0171-60XX

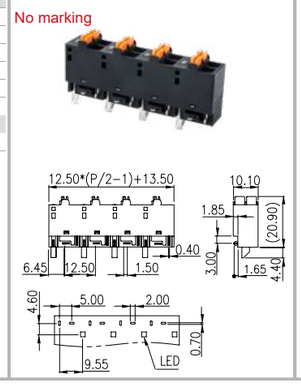


12.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	15A	20A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~08P		

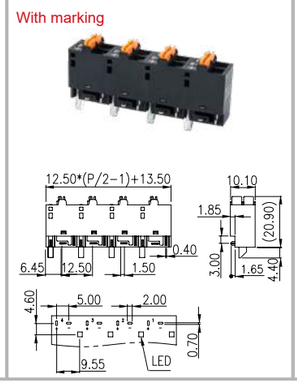
0171-20XX

No marking



0171-21XX

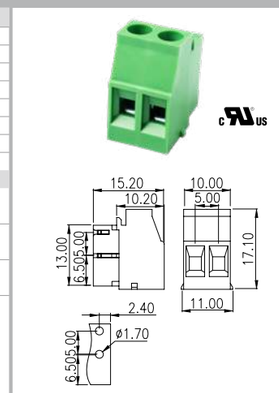
With marking



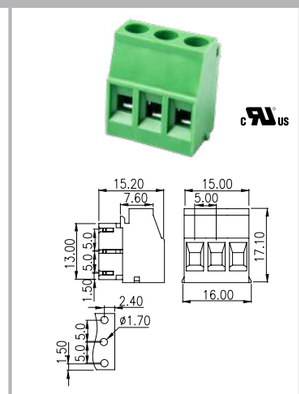
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	10A	24A
Solid (AWG/mm²)	22~14	0.2~2.5
Flexible (AWG/mm²)	22~14	0.2~2.5
Rated impulse voltage	2KV	4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
5ES-2PL	02P	
5ES-2PR		
5ES-3PL	03P	
5ES-3PR		
5ES-4PL	04P	
5ES-4PR		

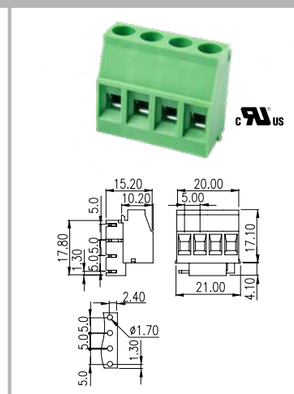
5ES-2PL



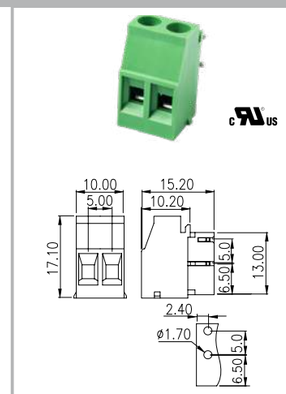
5ES-3PL



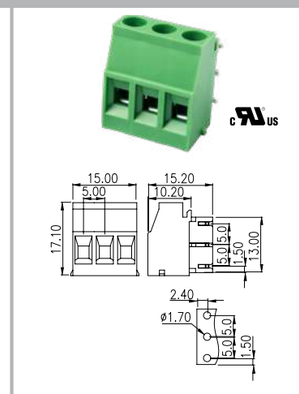
5ES-4PL



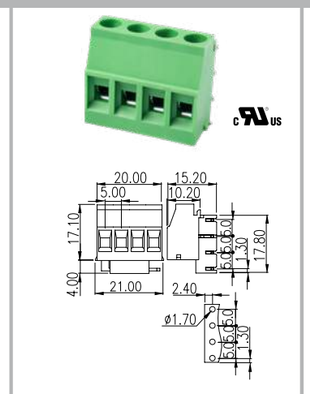
5ES-2PR



5ES-3PR



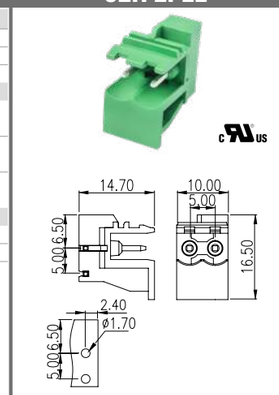
5ES-4PR



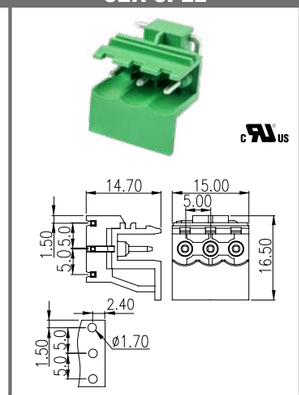
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
5EH-2PL	02P	
5EH-2PR		
5EH-3PL	03P	
5EH-3PR		
5EH-4PL	04P	
5EH-4PR		
Accessories		
EHDK1	P66	
EHDK1L	P66	

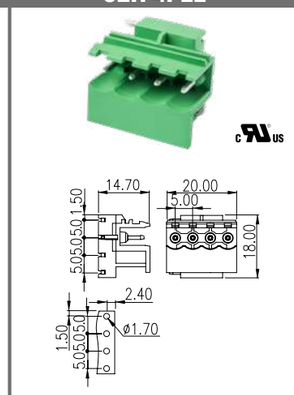
5EH-2PL 5EH-2PLL



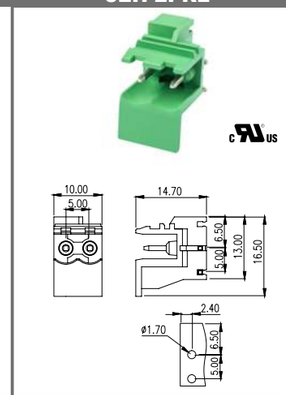
5EH-3PL 5EH-3PLL



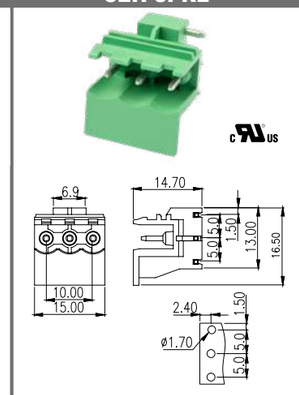
5EH-4PL 5EH-4PLL



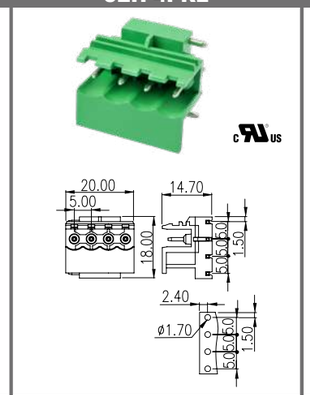
5EH-2PR 5EH-2PRL



5EH-3PR 5EH-3PRL



5EH-4PR 5EH-4PRL



5ESDT-XXP

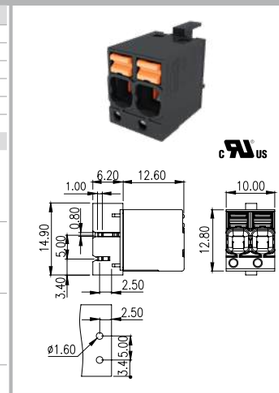
Refer to P.51

5.00mm

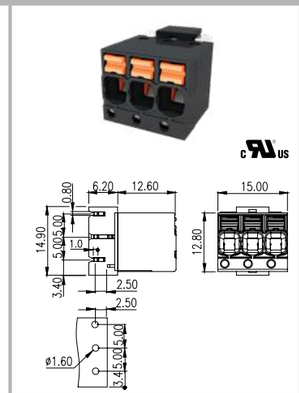
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~4
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
0189-202PL	02P	
0189-202PR		
0189-212PL		
0189-212PR		
0189-203PL	03P	
0189-203PR		
0189-213PL		
0189-213PR		
0189-204PL	04P	
0189-204PR		
0189-214PL		
0189-214PR		

* The series is all with light pipe.

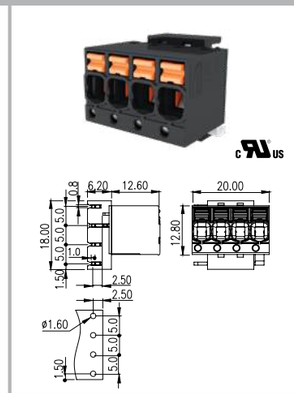
0189-202PL



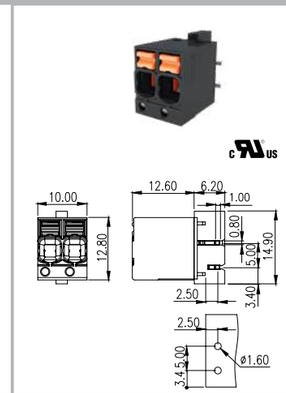
0189-203PL



0189-204PL



0189-202PR



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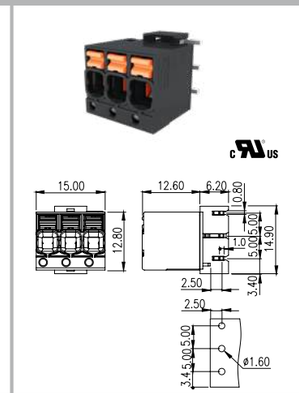
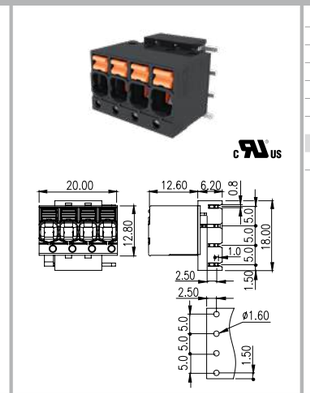


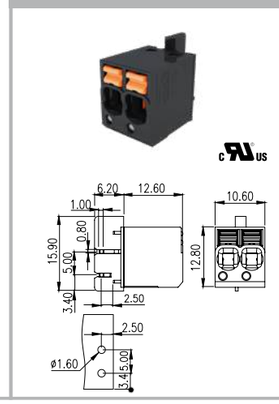
0189-204PR



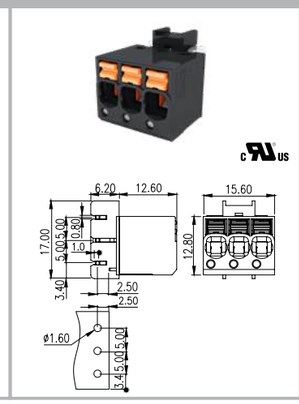
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	15A	18A
Solid (AWG/mm²)	30~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	11~12mm	
Number of Positions		
0189-25XX	02~6P	

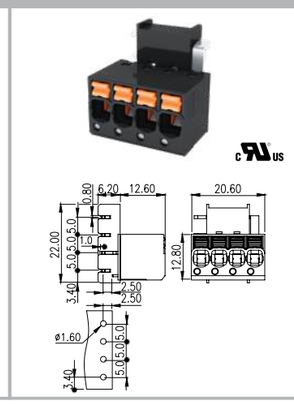
0189-212PL



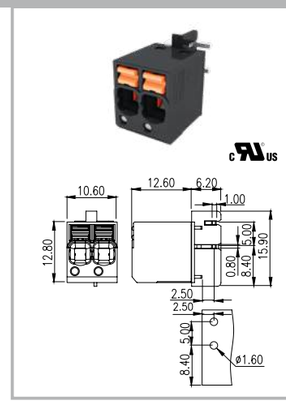
0189-213PL



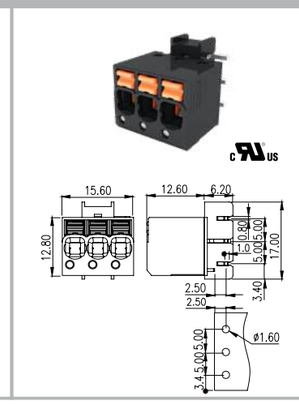
0189-214PL



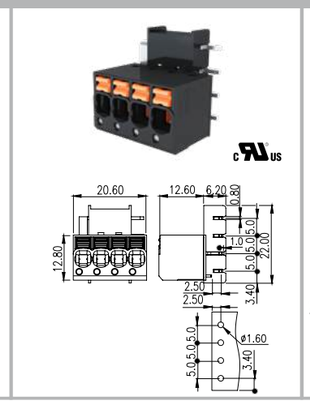
0189-212PR



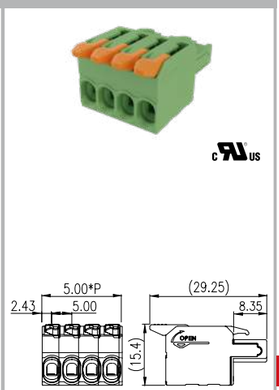
0189-213PR



0189-214PR



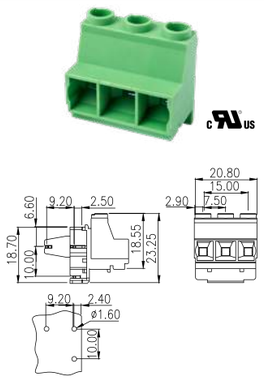
0189-25XX



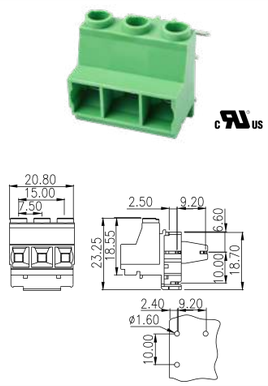
7.50mm

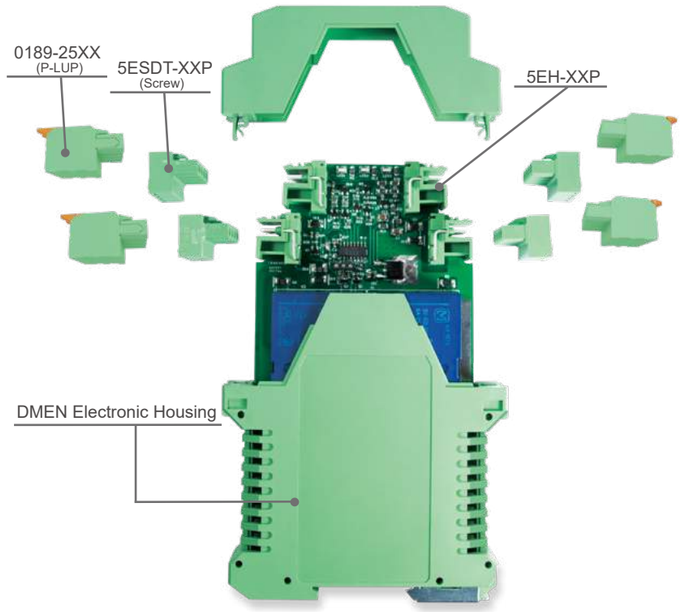
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	20A	24A
Solid (AWG/mm²)	30~12	0.2~2.5
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
03P		

7ES-3PL



7ES-3PR





5ES and 5EH series terminal blocks are designed specifically for electronic housing DMEN type.

5ES series are PCB type terminal blocks, and is adopting elevated wire cage with screw connection.

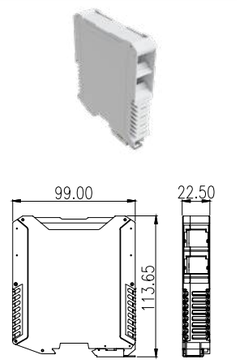
5EH series are headers(sockets) which are compatible with 5ESDT plug (P. 51).

Please pay attention to identify left and right side features when using this product range. Please visit www.dinkle.com for more information on electronic housing DMEN type.

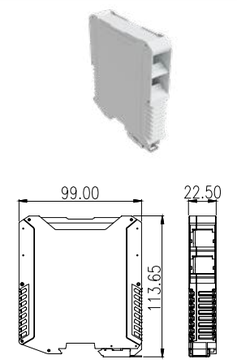
Specification

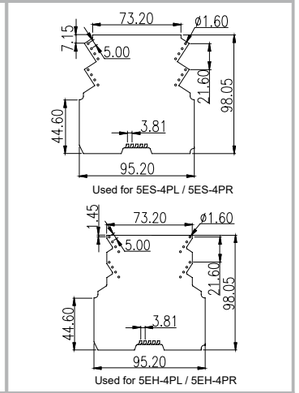
Width	
DMM-2251-22	22.5mm
DMM-2252-22	
DMM-2251-33	
DMM-2252-33	
DMM-2254-33	
Accessories	
PCB Termunal block	5ES-4PL / 5ES-4PR
Termunal block/Plug	2ESDT-04P
Termunal block/Socket	5EH-4PL / 5EH-4PR
Earthing Plug	0073-B001
Blind cover	DMM-225C / DMM-TBUSC
Bus connectors	BST-112-05

DMM-2251-22

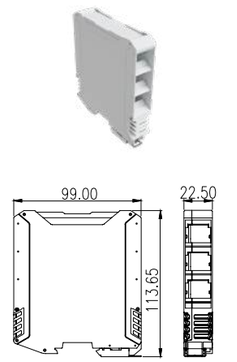


DMM-2252-22

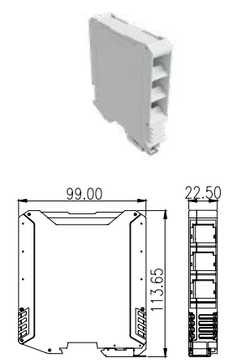


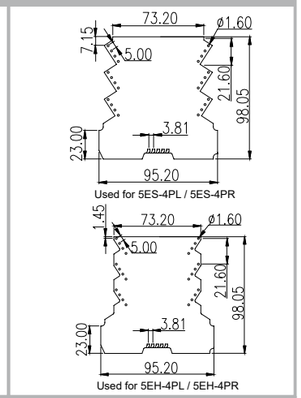


DMM-2251-33

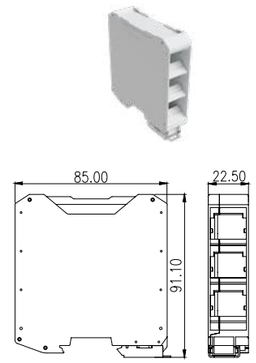


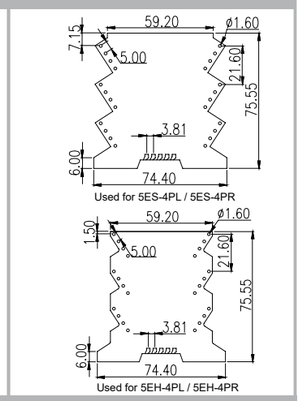
DMM-2252-33

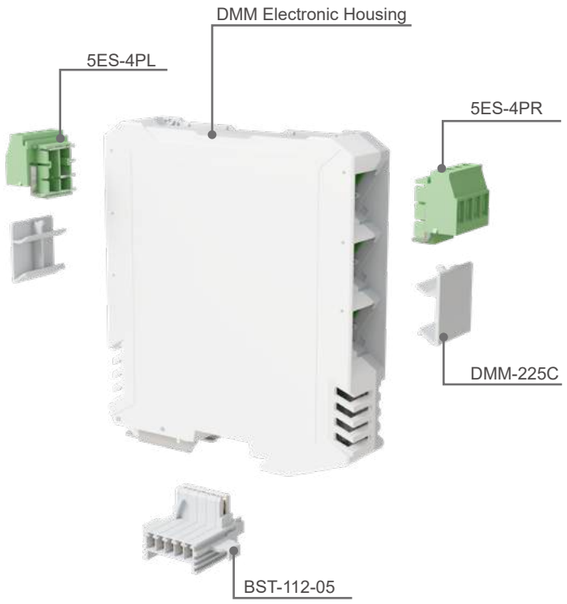




DMM-2254-33



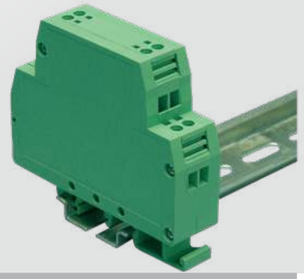




DEG / DMEN

Electronic Housing

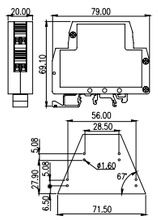
- Electronic housings are supplied with high effective components, which is suitable for system integration.
  Various dimensions for customers' options:
  Width of DEG series:20mm, 22.5mm, 25mm, 30mm, 40mm, 45mm
  Width of DMEN series:12.5mm, 17.5mm, 22.5mm, 35mm
  Width of DMM series:22.5mm
- All the electronic housings are produced by engineering insulation PA materials which feature low flammability and qualified insulation levels that meet UL and IEC standards.



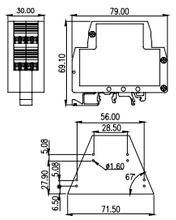
Specification

Rated voltage	500V
Rated current	10A
Solid (AWG/mm²)	24~12
Torque (N-m)	0.4
Width	
DEG-02P	20mm
DEG-04P	30mm
Accessories	
Termunal block/Plug	DEG-TB2P

DEG-02P



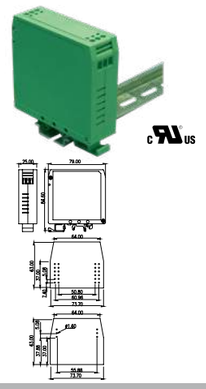
DEG-04P



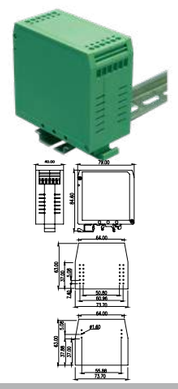
Specification

Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	12A	16A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4	
Width		
DEGM-03P	25mm	
DEGM-06P	40mm	
Accessories		
Termunal block/Plug	DEGM-TB3P	

DEGM-03P



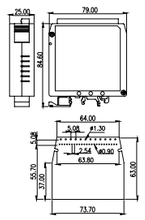
DEGM-06P



Specification

Rated voltage	250V
Rated current	12A
Width	
DEGM-12P	25mm
Accessories	
Termunal block/Plug	2EHDRC-4375
Termunal block/Socket	2ESDV-12P

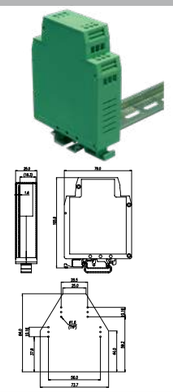
DEGM-12P



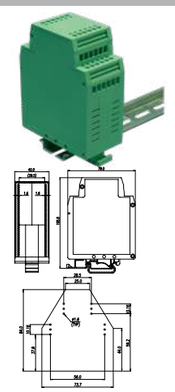
Specification

Rated voltage	500V
Rated current	10A
Solid (AWG/mm²)	24~12
Torque (N-m)	0.4
Width	
DEGH-03P	25mm
DEGH-06P	40mm
Accessories	
Termunal block/Plug	DEGH-TB3P

DEGH-03P



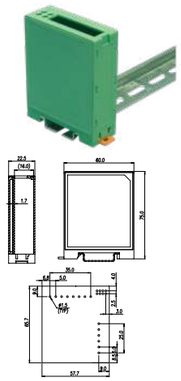
DEGH-06P



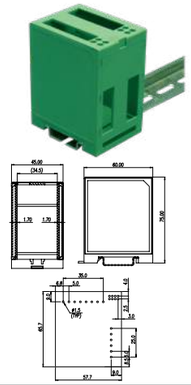
Specification

Rated voltage	250A
Rated current	15A
Width	
DMUG-22	22.5mm
DMUG-45	40mm
Accessories	
Termunal block/Plug	5EHDR-06P/08P
Termunal block/Socket	5ESDV-06P/08P

DMUG-22



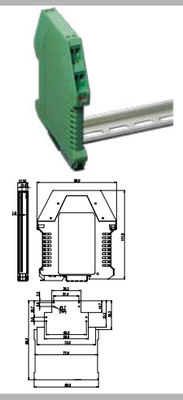
DMUG-45



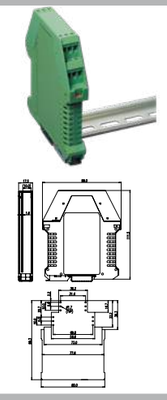
Specification

Rated voltage	250V
Rated current	12A
Solid (AWG/mm²)	28~12
Torque (N-m)	0.4
Width	
DMEN-S2P	12.5mm
DMEN-S3P	17.5mm
DMEN-S4P	22.5mm
DMEN-T2P	12.5mm
DMEN-T3P	17.5mm
DMEN-T4P	22.5mm
DMES-T2P	12.5mm
DEGM-12P	25mm
Accessories	
Earthing Plug	0073-B001

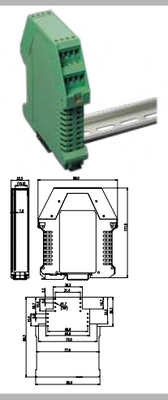
DMEN-S2P



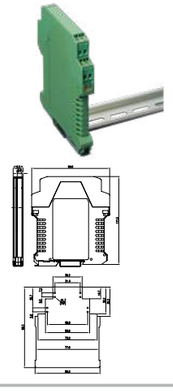
DMEN-S3P



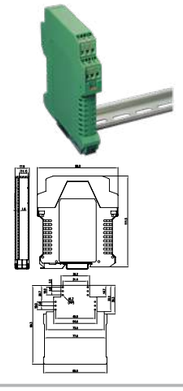
DMEN-S4P



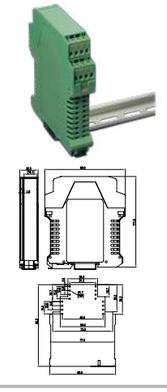
DMEN-T2P



DMEN-T3P

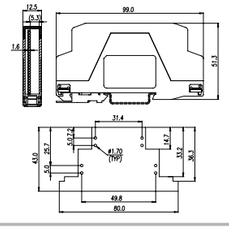


DMEN-T4P



DMES-T2P

*NO Earthing Plug



DMER

Component Housing

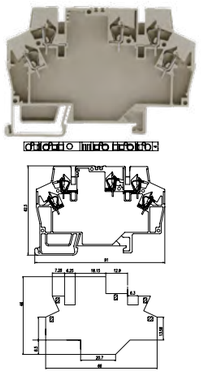
- DMER series housing is designed for DIN Rail installation with an external thickness of 6.0~6.2 mm, internal thickness at 4.1~5.2mm and large internal space which is suitable for various components assembly requirement.

- The housings feature a compact structure which allows large PCB to be installed in the limited space

- UL 94-V0 PA material for exceptional insulation and protection in application.

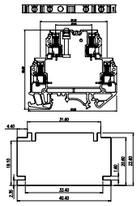
- Screw connection, spring clamp connection and push-in connection terminal block are available for options.

Specification	DMER-10		
Width			
6			
Accessories			
End cover	DMER-10C		

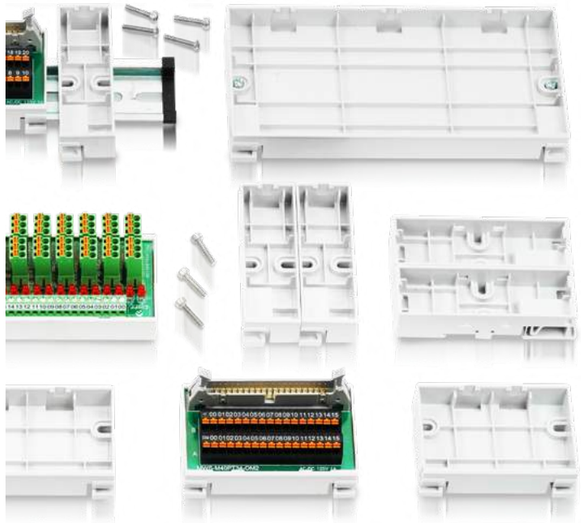


Specification	DMER-41		
Technical Data	UL		
Rated voltage	300V		
Rated current	20A		
Solid (AWG/mm²)	24~12		
Flexible (AWG/mm²)	24~12		
Torque (N-m)	0.4		
Width			
6.1			
Accessories			
End cover	DMERC		

*With Light Pipe



PCB Carrier
DIN Rail/ Panel Mounting



Product advantages

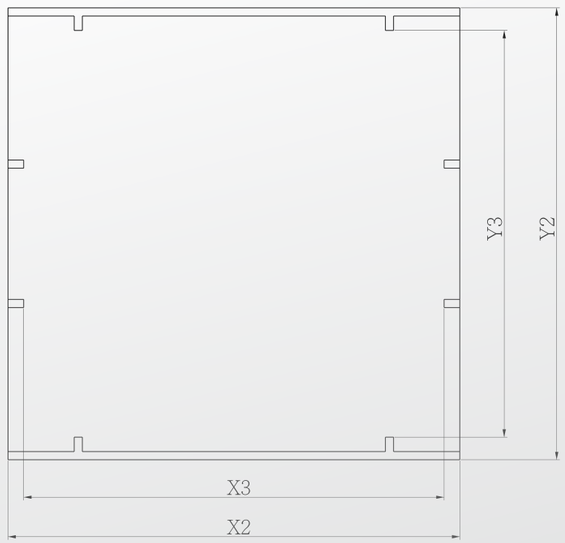
-Flammability rating: UL94-V2

-Available in three commonly used widths, one-piece molding, beautiful and convenient, with strong stability.

-Each set of module racks is designed with reserved holes for panel locking, and can be used regardless of track installation without plate fixation.

-The bottom track slot is suitable for TS-35 and TS-35/15 standard DIN tracks.

-The 0040-03 series has a width of 107mm. The specially designed side wall can be installed with a label card slot, which is suitable for DINKLE TM-R110 signs.



Part No.	PCB Dimensions		PCB effective dimensions	
	Y2 (mm)	X2 (mm)	Y3 (mm)	X3 (mm)
0040-0108E	42	35	33.9	34
0040-0105E	42	46.8	32.4	45.8
0040-0101E	42	57.5	33.9	56.5
0040-0106E	42	64.8	33.9	63.8
0040-0107E	42	72.8	33.9	71.8
0040-0102E	42	108	33.9	107
0040-0103E	42	140	33.9	139
0040-0104E	42	208	33.9	207
0040-0212E	72	22	64.9	17
0040-0213E	72	32	64.9	27
0040-0214E	72	42	64.9	37
0040-0215E	72	52	64.9	47
0040-0216E	72	62	64.9	57
0040-0217E	72	72	64.9	67
0040-0218E	72	82	64.9	77
0040-0219E	72	92	64.9	87
0040-0220E	72	102	64.9	97
0040-0221E	72	112	64.9	107
0040-0222E	72	122	64.9	117
0040-0223E	72	152	64.9	147
0040-0224E	72	172	64.9	167
0040-0225E	72	202	64.9	197
0040-0226E	72	222	64.9	217
0040-0227E	72	252	64.9	247
0040-0228E	72	272	64.9	267
0040-0229E	72	302	64.9	297
0040-0301E	107	25	99	19
0040-0302E	107	35	99	29
0040-0303E	107	50	99	44
0040-0305E	107	75	99	69
0040-0308E	107	100	99	94
0040-0311E	107	125	99	119
0040-0314E	107	150	99	144
0040-0316E	107	175	99	169
0040-0318E	107	200	99	194
0040-0320E	107	225	99	219
0040-0322E	107	250	99	244
0040-0324E	107	275	99	269
0040-0326E	107	300	99	294

Part No.	PCB Dimensions		PCB Carrier Size			Unit : mm	Corresponding KMR Carrier
	Width	Length	Width	Length	Hight	Hight+(TS-35)	
0040-0101E	42	57.5	47.9	60.5	17.9	22.4	KMSR-0047~KMSR-0057
0040-0102E	42	108	47.9	111.1	17.9	22.4	KMSR-0072~KMSR-0108
0040-0103E	42	140	47.9	143.1	17.9	22.4	KMSR-0109~KMSR-0140
0040-0104E	42	208	47.9	211.2	17.9	22.4	KMSR-0141~KMSR-0208
0040-0105E	42	46.8	47.9	49.8	17.9	22.4	KMSR-0036~KMSR-0046
0040-0106E	42	64.8	47.9	68	17.9	22.4	KMSR-0058~KMSR-0064
0040-0107E	42	72.8	47.9	76	17.9	22.4	KMSR-0065~KMSR-0072
0040-0108E	42	35	47.9	38.2	17.9	22.4	KMSR-0031~KMSR-0035

Part No.	PCB Dimensions		PCB Carrier Size			Unit : mm	Corresponding KMR Carrier
	Width	Length	Width	Length	Hight	Hight+(TS-35)	
0040-0212E	72	22	77.9	25.2	17.9	22.4	
0040-0213E	72	32	77.9	35.2	17.9	22.4	
0040-0214E	72	42	77.9	45.2	17.9	22.4	KMR-0038~KMR-0042
0040-0215E	72	52	77.9	55.2	17.9	22.4	KMR-0043~KMR-0052
0040-0216E	72	62	77.9	65.2	17.9	22.4	KMR-0053~KMR-0062
0040-0217E	72	72	77.9	75.2	17.9	22.4	KMR-0063~KMR-0072
0040-0218E	72	82	77.9	85.2	17.9	22.4	KMR-0073~KMR-0082
0040-0219E	72	92	77.9	95.2	17.9	22.4	KMR-0083~KMR-0092
0040-0220E	72	102	77.9	105.2	17.9	22.4	KMR-0093~KMR-0102
0040-0221E	72	112	77.9	115.2	17.9	22.4	KMR-0103~KMR-0112
0040-0222E	72	122	77.9	125.2	17.9	22.4	KMR-0113~KMR-0122
0040-0223E	72	152	77.9	155.2	17.9	22.4	KMR-0123~KMR-0152
0040-0224E	72	172	77.9	175.2	17.9	22.4	KMR-0153~KMR-0172
0040-0225E	72	202	77.9	205.2	17.9	22.4	KMR-0173~KMR-0202
0040-0226E	72	222	77.9	225.2	17.9	22.4	KMR-0203~KMR-0222
0040-0227E	72	252	77.9	255.2	17.9	22.4	KMR-0223~KMR-0252
0040-0228E	72	272	77.9	275.2	17.9	22.4	KMR-0253~KMR-0272
0040-0229E	72	302	77.9	305.2	17.9	22.4	KMR-0273~KMR-0302

Part No.	PCB Dimensions		PCB Carrier Size			Unit : mm	Corresponding KMR Carrier
	Width	Length	Width	Length	Hight	Hight+(TS-35)	
0040-0301E	107	25	115	28.2	17.9	22.4	
0040-0302E	107	35	115	38.2	17.9	22.4	
0040-0303E	107	50	115	53.2	17.9	22.4	KMLR-0041~KMLR-0050
0040-0305E	107	75	115	78.2	17.9	22.4	KMLR-0051~KMLR-0075
0040-0308E	107	100	115	103.2	17.9	22.4	KMLR-0076~KMLR-0100
0040-0311E	107	125	115	128.2	17.9	22.4	KMLR-0101~KMLR-0125
0040-0314E	107	150	115	153.2	17.9	22.4	KMLR-0126~KMLR-0150
0040-0316E	107	175	115	178.2	17.9	22.4	KMLR-0151~KMLR-0175
0040-0318E	107	200	115	203.2	17.9	22.4	KMLR-0176~KMLR-0200
0040-0320E	107	225	115	228.2	17.9	22.4	KMLR-0201~KMLR-0225
0040-0322E	107	250	115	253.2	17.9	22.4	KMLR-0226~KMLR-0250
0040-0324E	107	275	115	278.2	17.9	22.4	KMLR-0251~KMLR-0275
0040-0326E	107	300	115	303.2	17.9	22.4	KMLR-0276~KMLR-0300

RYPS

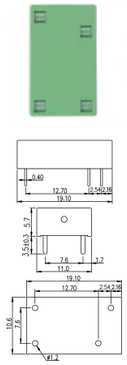
Relay Socket

- Dinkle relay sockets allow reliable connection with the PCB relay and offer excellent soldering performance.

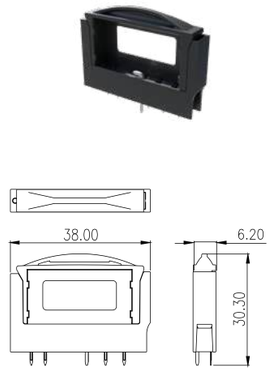
- Dinkle relay sockets are compatible with various brands of PCB relay in the market

Specification	
Rated voltage	250V
Rated current	10A

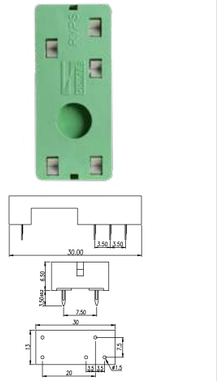
RYPSA-04N



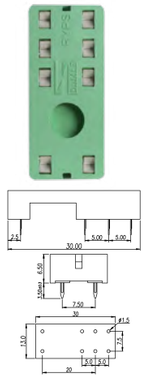
RYPSM-05F



RYPS-05N



RYPS-08N



Compatible models

RYPSA-04N	
OMRON	OJE-SS-124HMF
RYPSM-05F	
Hongfa	HF41F/024-ZS
	HF41F/060-ZS
RYPS-05N	
OMRON	G2RL-1-HA DC12
TE Connectivity	RT214012
	RTD14005
RYPS-08N	
OMRON	G2R-1A-E-DC24
	G2RN5112M

KM

PCB Carrier

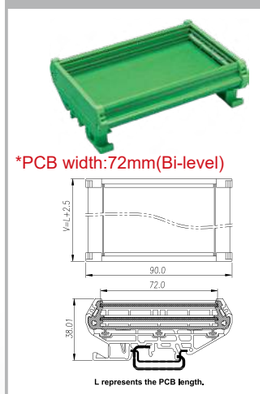
- KMRX series PCB carriers offer various dimensions that can accommodate PCB width of 42mm, 72mm and 107mm. The length of the carrier can be cut according to customer's requirement.

- KMRX PCB carrier set includes 4 screws for assembly.

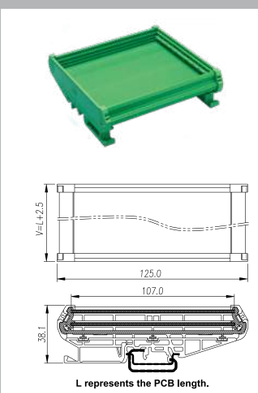
- KMRT and KMRF designs offer large PCB assembly area,which is suitable for accommodating double PCB of width 107mm.

- Dinkle PCB carriers have been widely applied in system integration and interface integration applications.

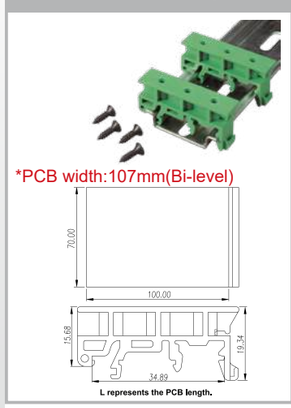
KMRT-XXXX



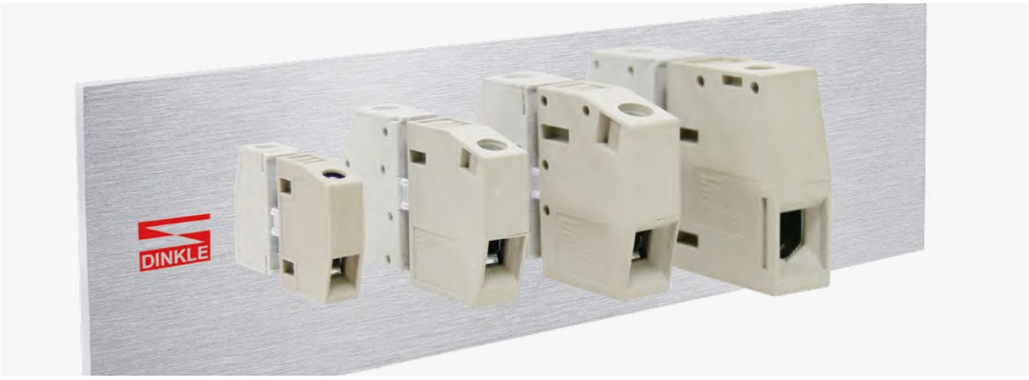
KMRF-XXXX



KMRH-K175



Panel Feed-through Terminal Blocks



Solutions for many industrial applications: for wall thicknesses from 1 mm to 6 mm, currents up to 230A, voltages up to 630V (IEC).

Cross section: 4~95mm²
UL Rated: 300V / 30A ~ 600V / 230A
IEC Rated: 400V / 41A ~ 800V / 150A

PPAC series terminal blocks are particularly useful in the field of telecommunications and power distribution. The product range also supports electrical equipment manufacturers of filters, converters, inverters, transformers, power supplies and industrial batteries.

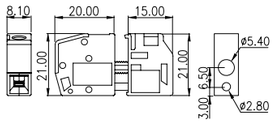
Specification

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	30A	41A
Wire range (AWG/mm²)	30~10	0.2~6
Rated impulse voltage		6KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	9~10mm	
Insulating material	PA	
Outer dimension	T x H x W (mm)	
PPACN-4	8.1 x 21 x 20	
PPACNV-4	8.1 x 21 x 24.5	
Inner dimension	T x H x W (mm)	
PPACN-4	8.1 x 21 x 15	
PPACNV-4	8.1 x 21 x 15	
Marking label	TM44	

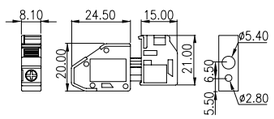
Voltage on metal panel: 1.0~2.5mm 400V
2.5~4.0mm 320V

Voltage on plastic panel: 500V

PPACN-4



PPACNV-4



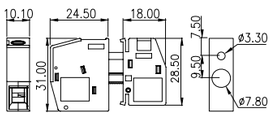
Specification

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	65A	76A
Wire range (AWG/mm²)	24~6	0.5~16
Rated impulse voltage		6KV
Torque (N-m)	1.5~1.7	
Screw	M4	
Wire strip length	10~11mm	
Insulating material	PA	
Outer dimension	T x H x W (mm)	
PPACN-10	10.1 x 31 x 24.5	
PPACN-10Z	10.1 x 31 x 24.5	
PPACN-10AS	10.1 x 31 x 24.5	
Inner dimension	T x H x W (mm)	
PPACN-10	10.1 x 28.5 x 18	
PPACN-10Z	10.1 x 28.5 x 18	
Marking label	TM44	

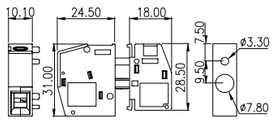
Voltage on metal panel: 1~2.5mm 500V
2.5~4mm 320V

Voltage on plastic panel: 500V

PPACN-10

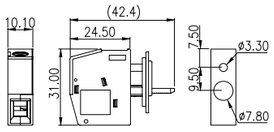


PPACN-10Z



PPACN-10AS

Plastic panel:1~4mm: 400V



Specification

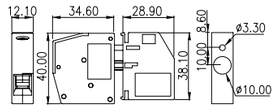
Technical Data	UL	IEC
Rated voltage	600V	500V
Rated current	85A	101A
Wire range (AWG/mm²)	22~4	0.5~25
Rated impulse voltage		6KV
Torque (N-m)	2.5~3.4	
Screw	M5	
Wire strip length	16~17mm	
Insulating material	PA	
Outer dimension	T x H x W (mm)	
PPAC-16	12.1 x 40 x 34.6	
PPAC-16AS	12.1 x 40 x 34.6	
PPACV-16	12.1 x 39.7 x 38.1	
PPACV-16AS	12.1 x 39.7 x 38.1	
Inner dimension	T x H x W (mm)	
PPAC-16	12.1 x 38.1 x 28.9	
PPAC-16AS	12.1 x 26 x 25.4	
PPACV-16	12.1 x 38.1 x 28.9	
PPACV-16AS	10.1 x 25 x 16.9	
Marking label	TM49	

Voltage on Metal panel: 1~2mm 800V
2~3mm 630V
3~6mm 500V

Voltage on Plastic panel: 800V

PPAC-16

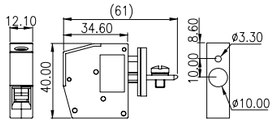
600V



PPAC-16AS

600V

Plastic panel:1~6mm: 400V

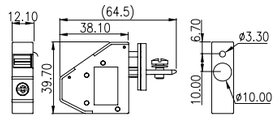


PPACV-16AS

600V

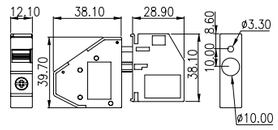
Plastic panel:1~6mm: 400V

UL:300V



PPACV-16

600V



Specification

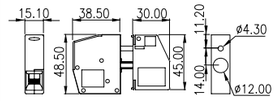
Technical Data	UL	IEC
Rated voltage	600V	800V
Rated current	115A	125A
Wire range (AWG/mm²)	8~2	6~35
Rated impulse voltage		6KV
Torque (N-m)	3.4~3.9	
Screw	M5	
Wire strip length	19~20mm	
Insulating material	PA	
Outer dimension	T x H x W (mm)	
PPAC-25	15.1 x 48.5 x 38.5	
PPAC-25AS	15.1 x 48.5 x 38.5	
PPAC-25MAS	15.1 x 71 x 38.5	
Inner dimension	T x H x W (mm)	
PPAC-25	15.1 x 45 x 30	
PPAC-25AS	15.1 x 33.3 x 27.5	
PPAC-25MAS	15.1 x 33.3 x 27.5	
Marking label	TM49	

Voltage on metal panel: 1~5mm 800V
5~6mm 630V

Voltage on plastic panel: 800V

PPAC-25

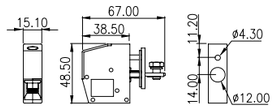
600V



PPAC-25AS

600V

Plastic panel:1~6mm: 400V



Specification

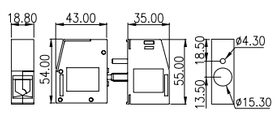
Technical Data	UL	IEC
Rated voltage	600V	800V
Rated current	150A	150A
Wire range (AWG/mm²)	6~1/0	16~50
Rated impulse voltage		8KV
Torque (N-m)	5.9~6	
Screw	M6	
Wire strip length	24~25mm	
Insulating material	PA	
Outer dimension	T x H x W (mm)	
PPAC-50	18.8 x 54 x 43	
PPAC-50AS	18.8 x 54 x 43	
PPAC-50M	18.8 x 78 x 43	
Inner dimension	T x H x W (mm)	
PPAC-50	18.8 x 55 x 35	
PPAC-50AS	18.8 x 37 x 33.9	
PPAC-50M	18.8 x 55 x 35	
Marking label	TM49	

Voltage on metal panel: 1~5mm 800V
5~6mm 630V

Voltage on plastic panel: 800V

PPAC-50

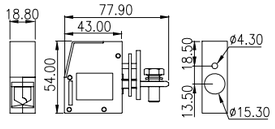
600V



PPAC-50AS

600V

Plastic panel:1~6mm: 400V



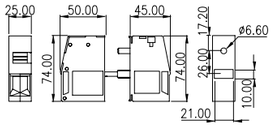
Specification

PPAC-95

Technical Data	UL	IEC
Rated voltage	600V	630V
Rated current	230A	232A
Wire range (AWG/mm²)	4~4/0	25~95
Rated impulse voltage		8KV
Torque (N-m)	14.7~15	
Screw	M8	
Wire strip length	27~28mm	
Insulating material	PA	
Outer dimension	T x H x W (mm)	
PPAC-95	25 x 74 x 50	
PPAC-95MAS	25 x 100 x 50	
Inner dimension	T x H x W (mm)	
PPAC-95	25 x 74 x 45	
PPAC-95MAS	25 x 50 x 40.5	
Marking label	TM49	

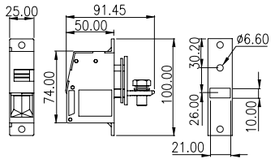
Voltage on metal panel: 1~2.5mm 1000V
2.5~5mm 800V
5~6mm 630V
Voltage on plastic panel: 1000V

600V



PPAC-95MAS

Metal panel:1~5mm 630V
5~6mm 500V
Plastic panel: 630V

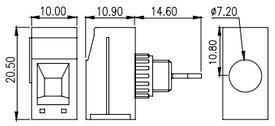


Specification

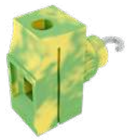
PPAC-4SS

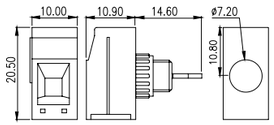
Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	30A	41A
Wire range (AWG/mm²)	30~10	0.2~6
Rated impulse voltage		6kV
Torque (N-m)	0.5~0.8	
Screw	M3	
Wire strip length	9~10mm	
Insulating material	PA	
T x H x W (mm)		
PPAC-4SS	10 x 20.5 x 25.5	
PPAC-4SSG	10 x 20.5 x 25.5	

Voltage on metal panel: 1~3mm 400V
Voltage on plastic panel: 1~3mm 500V
3.5~4.0mm 400V



PPAC-4SSG



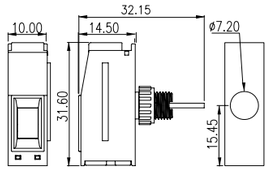


Specification

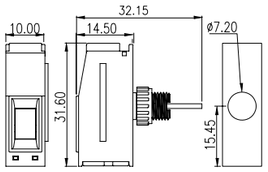
PPAC-10SS

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Wire range (AWG/mm²)	22~6	0.2~10
Rated impulse voltage		6kV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	11~12	
Insulating material	PA	
T x H x W (mm)		
PPAC-10SS	10 x 31.6 x 32.15	
PPAC-10SSG	10 x 31.6 x 32.15	

Voltage on thickness: 1~2mm 630V
2.1~3mm 500V
3.1~4mm 400V



PPAC-10SSG

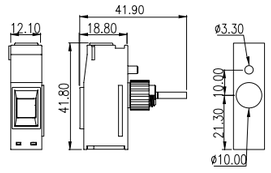


Specification

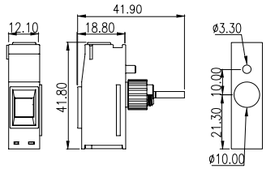
PPAC-16SS

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	85A	76A
Wire range (AWG/mm²)	22~4	0.2~16
Rated impulse voltage		6kV
Torque (N-m)	2.7~2.8	
Screw	M5	
Wire strip length	14~15	
Insulating material	PA	
T x H x W (mm)		
PPAC-16SS	12.1 x 41.8 x 41.9	
PPAC-16SSG	12.1 x 41.8 x 41.9	

Voltage on thicknessl: 1~2mm 800V
2.1~4mm 630V



PPAC-16SSG

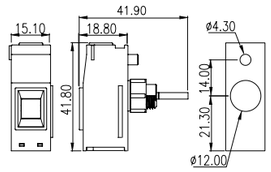


Specification

PPAC-25SS

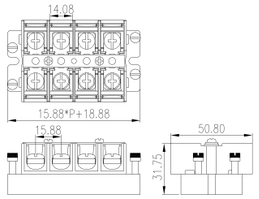
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	85A	101A
Wire range (AWG/mm²)	22~4	0.2~25
Rated impulse voltage		8kV
Torque (N-m)	2~2.5	
Screw	M5	
Wire strip length	14~15	
Insulating material	PA	
T x H x W (mm)		
PPAC-4SS	10 x 20.5 x 25.5	

Voltage on thickness: 1~3mm 800V
3.1~5mm 630V



15.88mm 0113-22XX

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	60A	76A
Wire range (AWG/mm²)	22~6 (O&Y)	0.34~16 (O&Y)
Rated impulse voltage		8kV
Torque (N-m)	2~2.5	
Wire strip length	13~14	
Number of Positions		
02~08P		

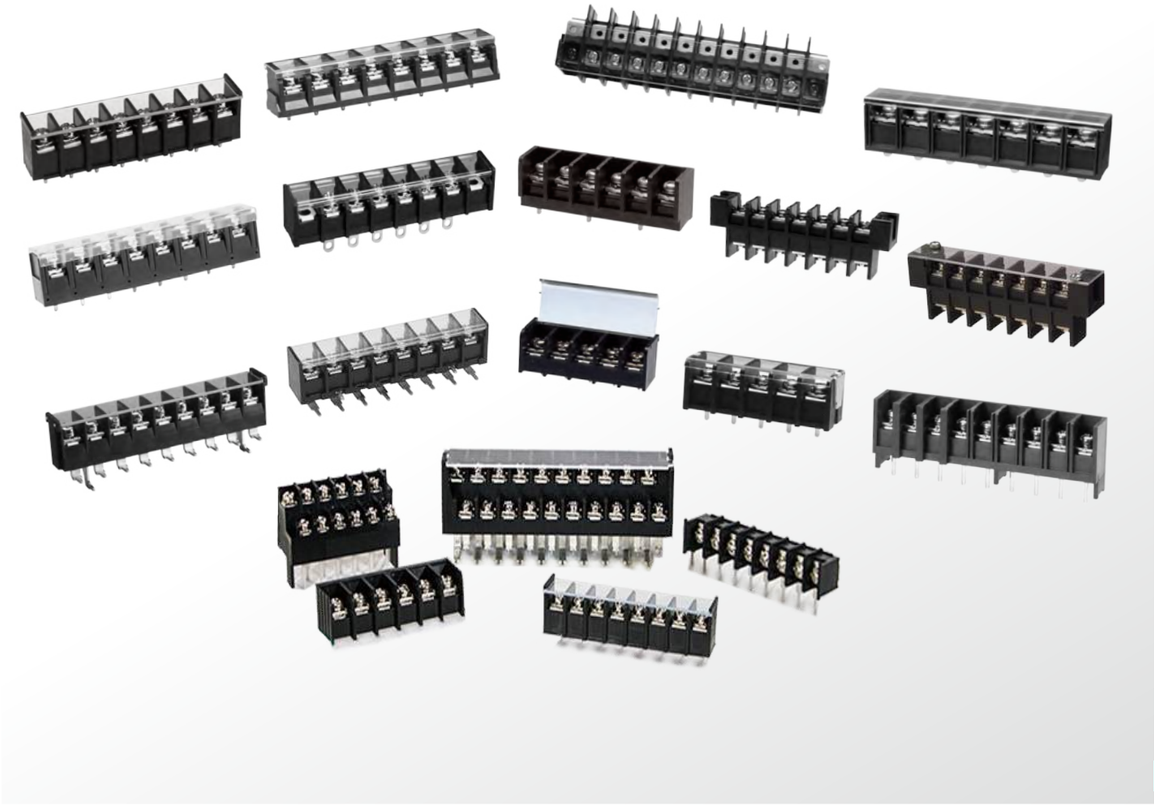


Barrier type terminal blocks

Barrier type terminal blocks are screw connection electrical connectors that connect multiple circuits to one another. Clamp the wire to the metal part with the locking screw. Each wiring structure is separated by the insulation barrier.

Barrier terminal blocks are designed for electrical applications and can be fitted with a transparent safety cover. When using, it should be noted that the wires do not exceed the barriers, which can prevent electrical short-circuits between positions on the same contact and between adjacent components.

The design generally is supplied in 5 categories: double-barrier, triple-barrier, triple-barrier in double levels, pluggable type and panel feed-through. Each type of barrier is available in a variety of industry standard centerline spacings, which allowing you to choose from high density to high current applications. Double and triple barriers are very similar in that they can both be used in PCB or panel mount applications.



Double-barrier, single row

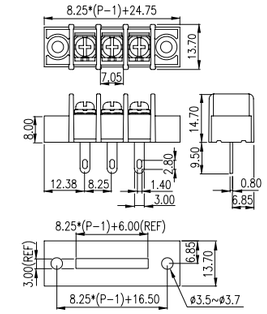
The double barrier in single row terminal blocks offer pitches from 7.62mm~16mm and options of various terminal pin designs that are suitable for voltage ratings 150V/15A~ 600V/65A.

The product range provide a wide variety of screw, terminal and mounting options, fitting a multitude of applications.

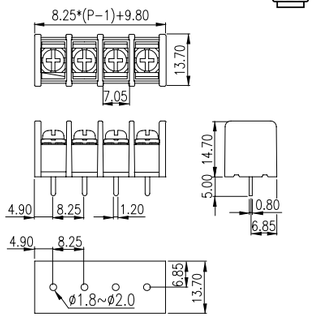
8.25mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.5~1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-35-A02W-XX	02~31P	
DT-35-B01W-XX	02~33P	

DT-35-A02W-XX



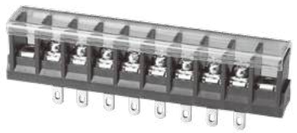
DT-35-B01W-XX

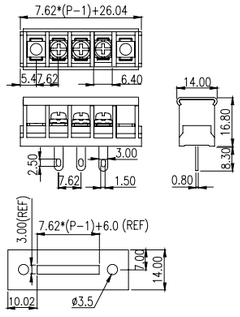


7.62mm

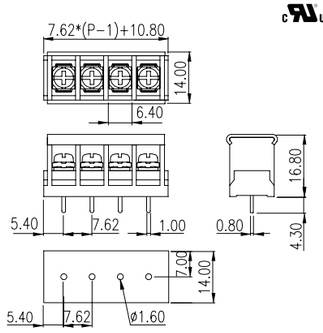
Technical Data	UL	
UL use group	B	
Rated voltage	300V	
Rated current	15A	
Wire range (AWG)	24~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
DT-2G-A02W-XX	02~26P	
DT-2G-B01W-XX	02~28P	
DT-2G-B14W-XX		

DT-2G-A02W-XX

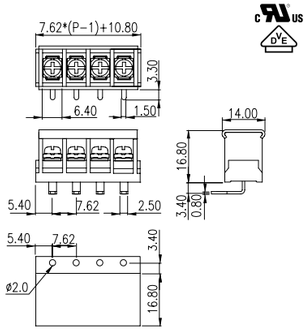




DT-2G-B01W-XX



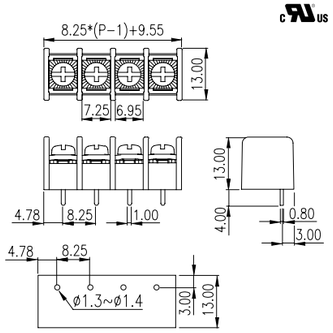
DT-2G-B14W-XX



8.25mm

Technical Data	UL	
UL use group	B / C	D
Rated voltage	300V / 150V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	#6-32, Steel, Ni plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +105°C	
Wiring type	FW2	
Number of Positions		
02~30P		

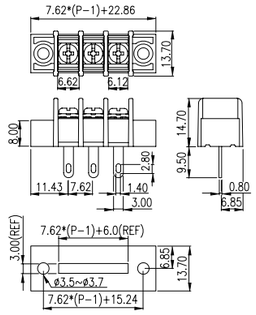
DT-31-B01W-XX



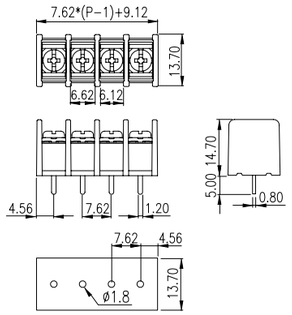
7.62mm

Technical Data	UL	
UL use group	B / C	D
Rated voltage	300V / 150V	300V
Rated current	15A	15A
Wire range (AWG)	22~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.5~1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-25-A02W-XX	02~31P	
DT-25-B01W-XX	02~33P	
DT-25-B07W-XX		
DT-25-B14W-XX		

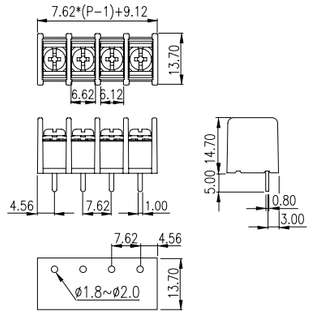
DT-25-A02W-XX



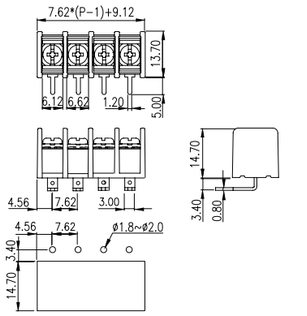
DT-25-B01W-XX



DT-25-B07W-XX

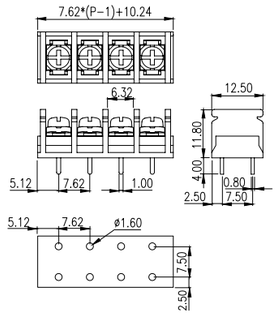


DT-25-B14W-XX



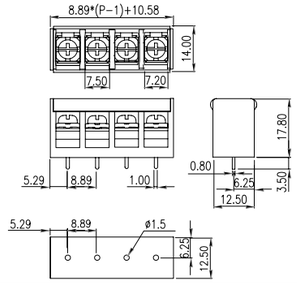
7.62mm — 0186-10XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	10A	10A
Wire range (AWG)	22~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT(G15), black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~11P		



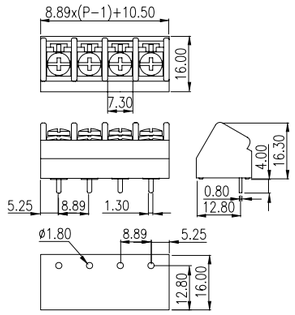
8.89mm — DT-3C-B01W-XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	15A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~17P		



8.89mm — DT-89-B01W-XX

Technical Data	UL	
UL use group	B / C	D
Rated voltage	300V / 150V	300V
Rated current	15A	10A
Wire range (AWG)	22~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, blue	
Terminal	Brass, Tin plated	
Screw	M3, Brass, Ni plated	
Torque value (N-m)	0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~26P		

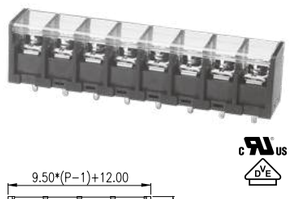


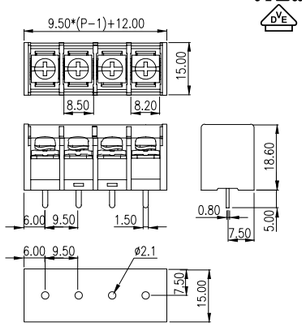
9.5mm — DT-4C-B01W-XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

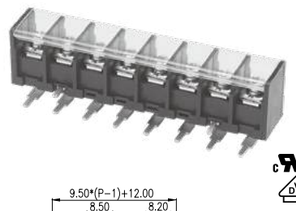
* UG:C Class 300V 20A

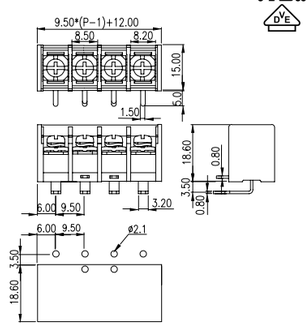
*





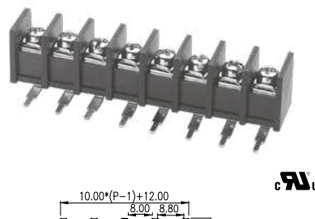
9.5mm — DT-4C-B14W-XX

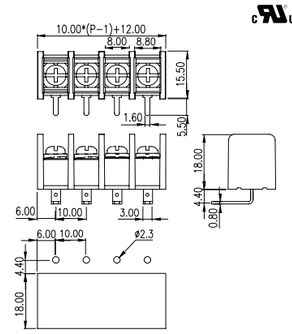




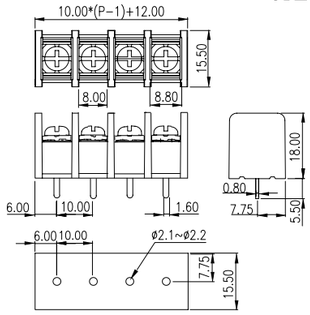
10.00mm — DT-55-B14W-XX

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Brass, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~30P		



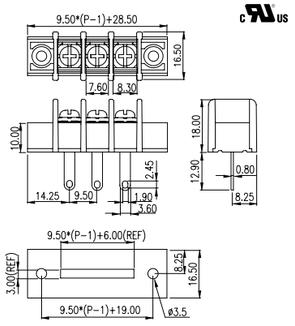


10.00mm — DT-55-B01W-XX

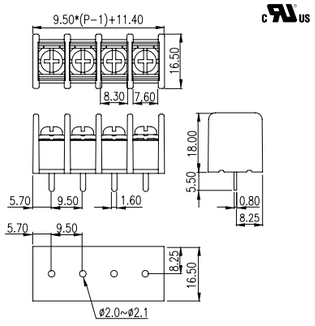


9.5mm — DT-45-A02W-XX

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-45-A02W-XX	02~28P	
DT-45-B01W-XX	02~30P	

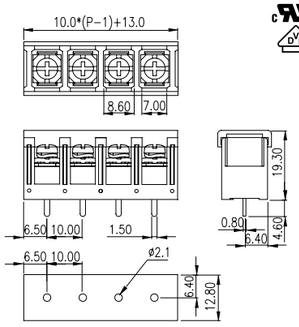


9.5mm — DT-45-B01W-XX

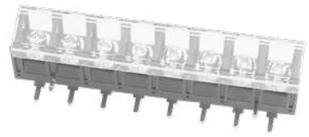


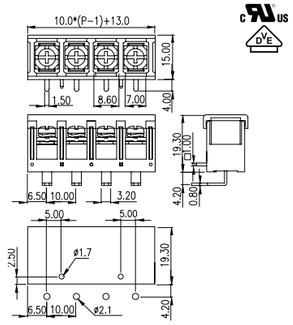
10.00mm — DT-5C-B81W-XX

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~14	
Withstand voltage	AC2200V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~30P		



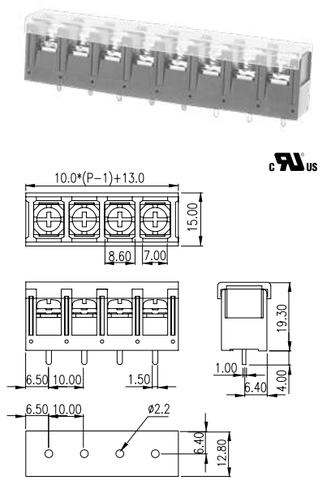
10.00mm — DT-5C-B84W-XX





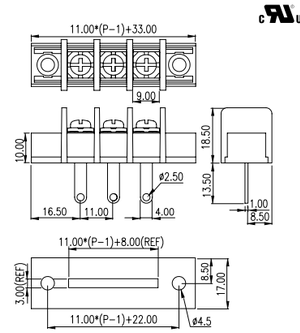
10.00mm DT-5C-B01W-XX

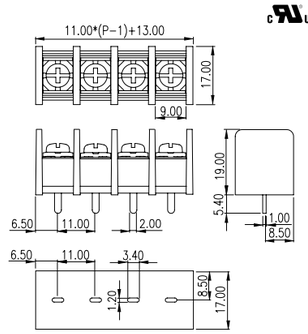
Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~14	
Withstand voltage	AC2200V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~30P		

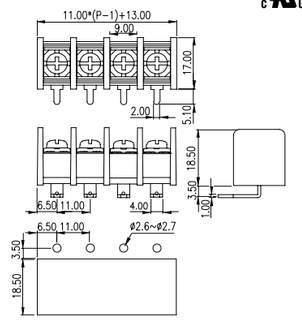


11.00mm DT-65-A02W-XX DT-65-B01W-XX DT-65-B14W-XX

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-65-A02W-XX	02~24P	
DT-65-B01W-XX	02~26P	
DT-65-B14W-XX		

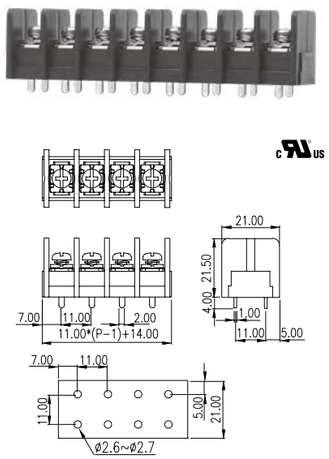


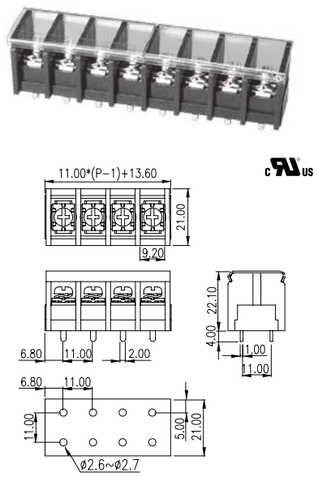




11.00mm DT-66-B01W-XX DT-66-C01W-XX

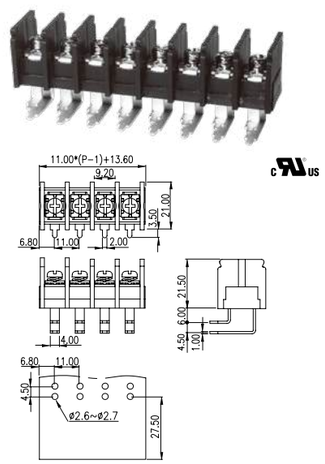
Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V	600V
Rated current	40A	5A
Wire range (AWG)	18~8	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
DT-66-B01W-XX	02~26P	
DT-66-C01W-XX	02~24P	

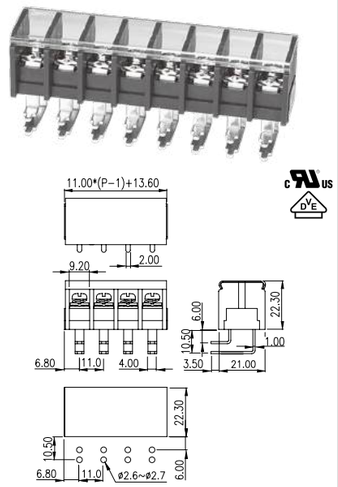




11.00mm DT-66-B11W-XX DT-66-C11W-XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	40A	10A
Wire range (AWG)	18~8	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~24P		

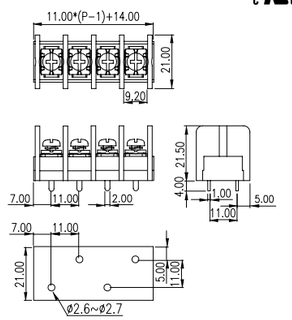




11.00mm DT-66-B02W-XX

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	40A	40A
Wire range (AWG)	18~8	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~24P		

600V



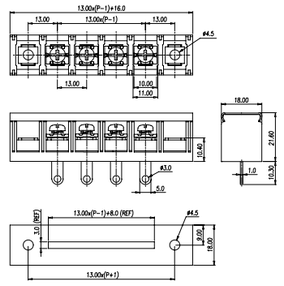
13.00mm DT-7C-A02W-XX DT-7C-B01W-XX DT-7C-B18W-XX

Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	40A	5A
Wire range (AWG)	18~8	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
DT-7C-A02W-XX	02~12P	
DT-7C-B01W-XX	02~14P	
DT-7C-B18W-XX		

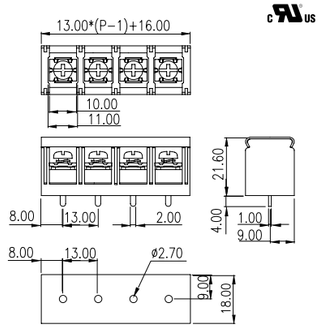
* UG: B&C Class 300V
D Class 600V

*

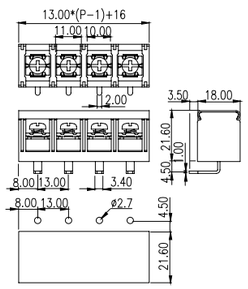
600V



600V



600V



Triple-barrier, single row

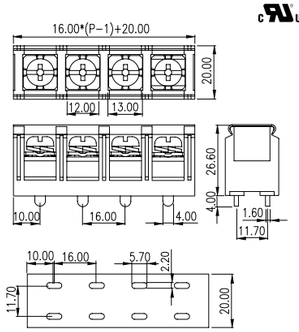
The triple-barrier in single row terminal blocks offer pitches from 6.35mm~16mm and options of various terminal pin designs that are suitable for voltage ratings 300V/6A~600V/65A.

The product range provide a wide variety of screw, terminal and mounting options, fitting a multitude of applications.

16.00mm — 0032-11XX

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	50A	80A
Wire range (AWG)	14~8	6~4
Withstand voltage	AC3000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M6, Steel, Ni plated	
Torque value (N-m)	3.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~10P		

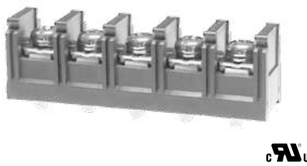
600V

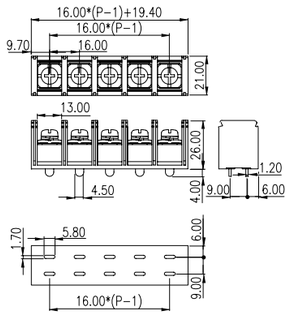


16.00mm — 0166-80XX

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	85A / 600V
Rated current	65A	100A
Wire range (AWG)	14~6	4(sol)~3(str)
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M5, Steel, Zn plated	
Torque value (N-m)	2.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~20P		

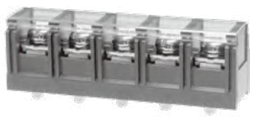
600V

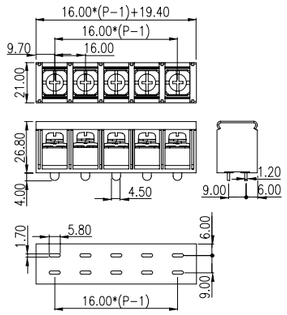




16.00mm — 0166-80XXC

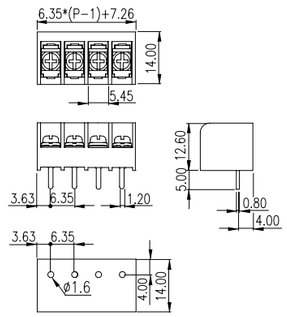
600V



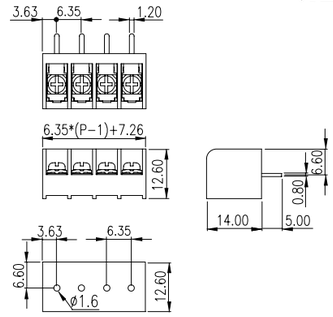


6.35mm — DT-29-B01W-XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	10A
Wire range (AWG)	22~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M2.6, Steel, Ni plated	
Torque value (N-m)	0.5	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~30P		

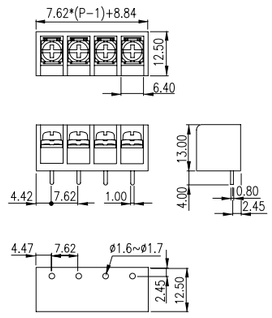


6.35mm — DT-29-B02W-XX



7.62mm — 0032-09XX

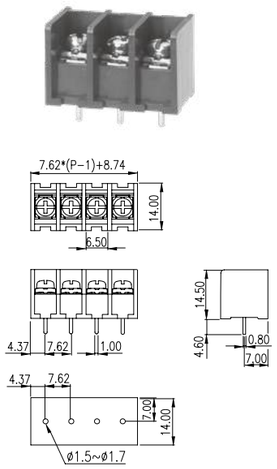
Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	6A	6A
Wire range (AWG)	24~16	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Zn plated	
Torque value (N-m)	0.5~0.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~22P		



7.62mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	10A	10A
Wire range (AWG)	24~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.5~0.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~13P		

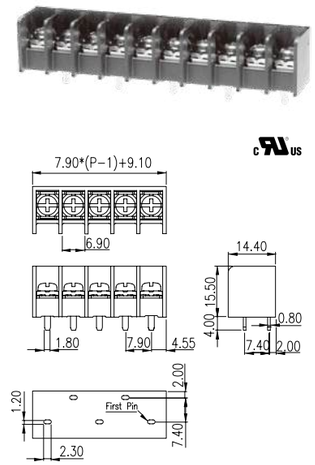
0032-14XX



7.90mm

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	300V	300V
Rated current	20A	30A
Wire range (AWG)	22~12	10
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3.5, Steel, Zn plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

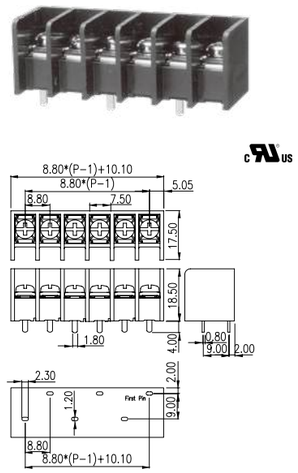
0167-10XX



8.80mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	20A	20A
Wire range (AWG)	24~12	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3.5, Steel, Zn plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~24P		

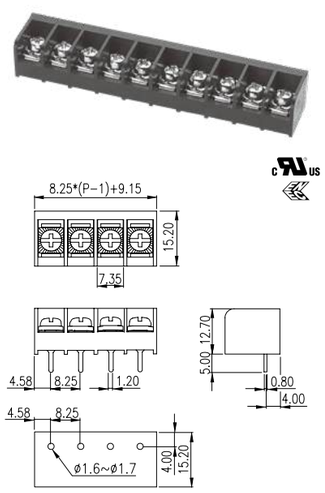
0167-90XX



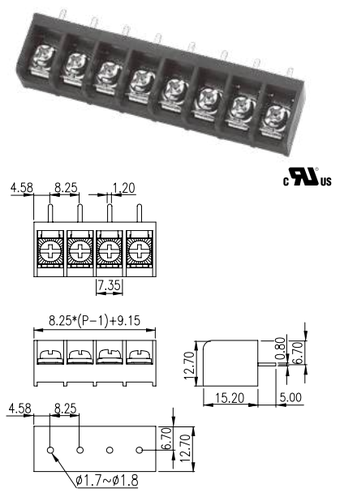
8.25mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	#6-32, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~33P		

DT-39-B01W-XX



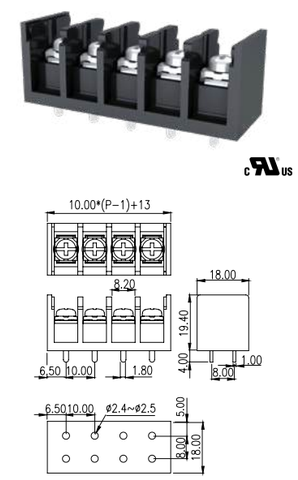
DT-39-B02W-XX



10.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	300V	300V
Rated current	45A	30A
Wire range (AWG)	8	22~10
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~08P		

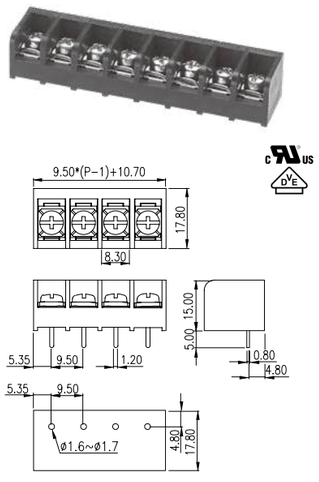
0186-40XX



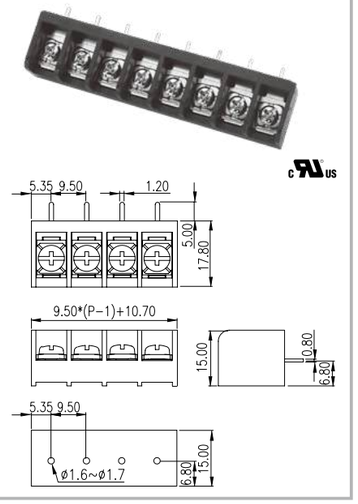
9.50mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw		
DT-49-B01W-XX DT-49-B02W-XX	#6-32, Steel, Ni plated	
DT-49-C91W-XX	M3.5, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-49-B01W-XX DT-49-B02W-XX	02~31P	
DT-49-C91W-XX	02~15P	

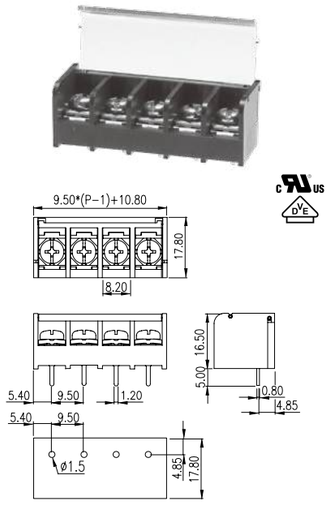
DT-49-B01W-XX



DT-49-B02W-XX



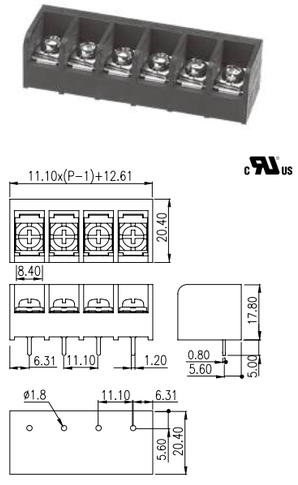
DT-49-C91W-XX



11.00mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	30A	10A
Wire range (AWG)	22~10	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~26P		

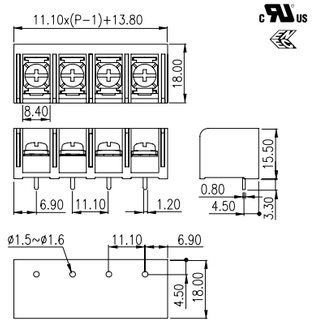
DT-69-B01W-XX



11.00mm DT-69-H53W-XX

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	20A	45A
Wire range (AWG)	22~12	10~8
Withstand voltage	AC3000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	#6-32, Steel, Zn plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~16P		

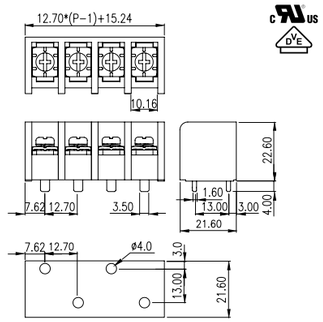
600V



12.70mm DT-79-B01W-XX

Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	45A(str)/43A(sol)	5A
Wire range (AWG)	18~8	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~16P		

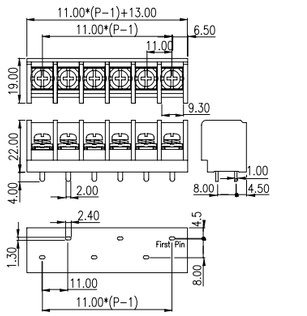
600V



11.00mm 0167-50XX

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	30A	50A
Wire range (AWG)	22~10	8
Withstand voltage	AC3000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

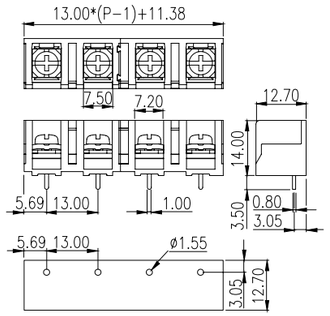
600V



13.00mm 0167-70XX

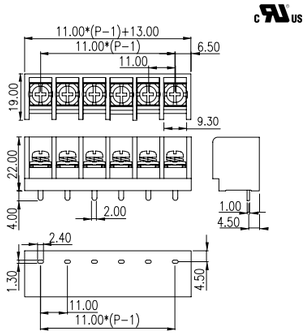
Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	20A	5A
Wire range (AWG)	22~12	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~10P		

600V



11.00mm 0167-52XX

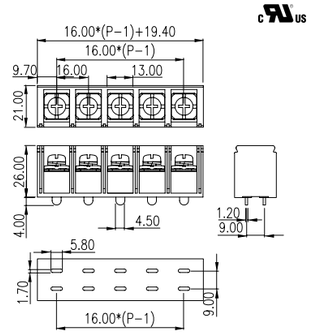
Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	300V	300V
Rated current	30A	50A
Wire range (AWG)	22~10	8
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		



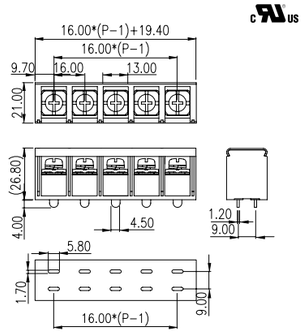
16.00mm 0167-80XX 0167-80XXC

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	65A	85A/100A
Wire range (AWG)	14~6	4(sol)/3~4(str)
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M5, Steel, Zn plated	
Torque value (N-m)	2.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~20P		

600V

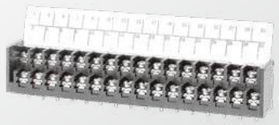
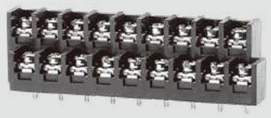


600V



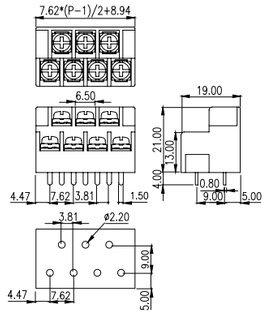
Triple-barrier, Bi-level

The bi-level barrier terminal block is in triple-barrier housing, the solution is for high density wiring in small spaces. Available pitches from 7.62mm ~14.3mm and options of various terminal pin designs that are suitable for voltage ratings 300V/10A~ 600V/35A. The optional top cover offers additional protection and can have markings printed on for clearer wire indication.

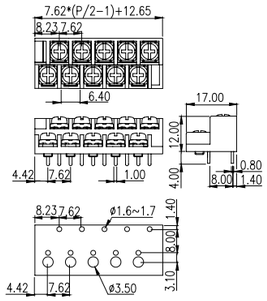
7.62mm — 0032-23XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.5~0.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
03~05……23P		

7.62mm — 0032-15XX

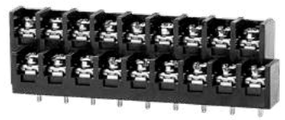
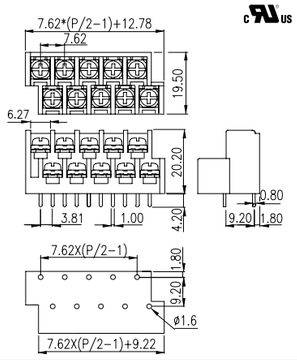
Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	10A	10A
Wire range (AWG)	24~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Zn plated	
Torque value (N-m)	0.5~0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
04~32P		

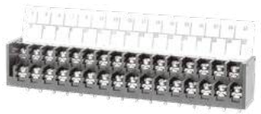
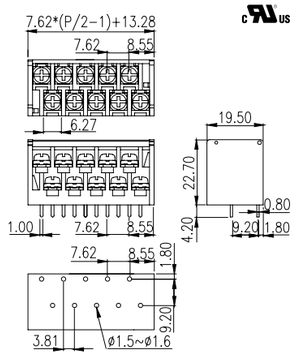
7.62mm

Technical Data	UL
UL use group	B
Rated voltage	300V
Rated current	15A
Wire range (AWG)	22~14
Withstand voltage	AC2000V / 1 minute
Insulation resistance	≥1000MΩ / DC 500V
Housing	PBT, UL94-V0, black
Terminal	Brass, Tin plated
Screw	M3, Steel, Ni plated
Torque value (N-m)	0.8
Operating temperature	-40°C ~ +130°C
Wiring type	FW2
Number of Positions	
04~60P	

2DD-B01W-XX

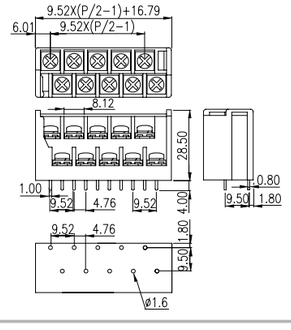



2DC-B01W-XX

9.52mm — 4DC-B01W-XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	18~12(sol)/14~12(str)	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
04~48P		

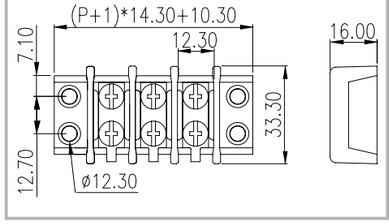



14.3mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	35A	5A
Wire range (AWG)	18~10 (O&Y)	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass,Ni plated	
Screw	#8-32, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW1	
Number of Positions		
02~16P		

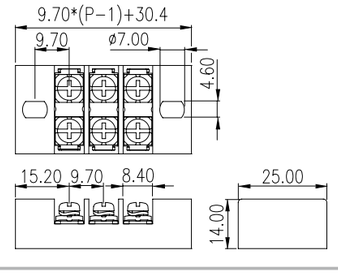
0113-10XX

600V

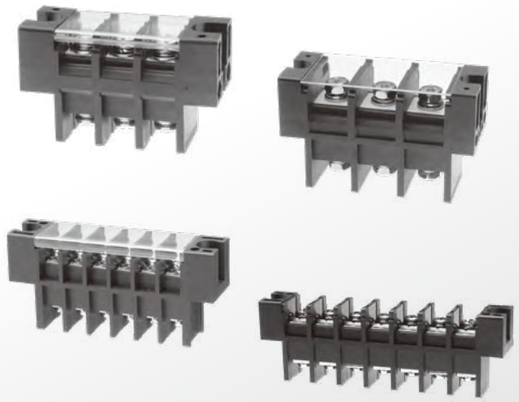



9.7mm — 0032-45XX

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Ni plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
08P, 12P		

Panel Feed-Through

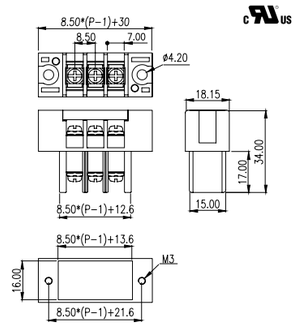


High quality copper material is used for a safer, more effective connection through panels. Available pitches from 8.50mm ~ 27.00mm with a max. amp rating of 175A and a max. voltage rating of 600V. Top protection covers and washers are optional.

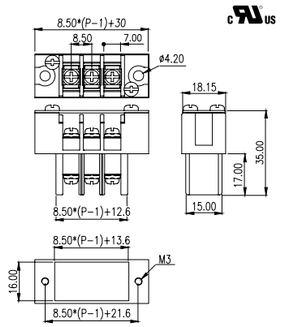
8.50mm

Technical Data	UL	
UL use group	B	C
Rated voltage	300V	300V
Rated current	20A	20A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

0168-10XX



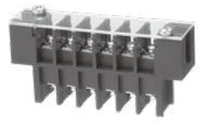
0168-14XX

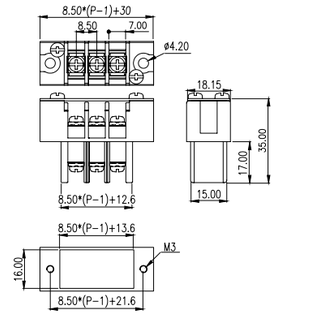


8.50mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	20A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

0168-15XX



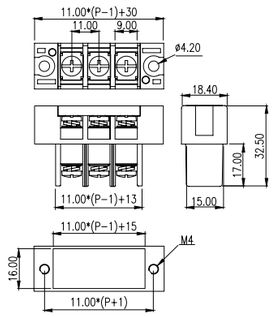


DINKLE Delight Through Connections

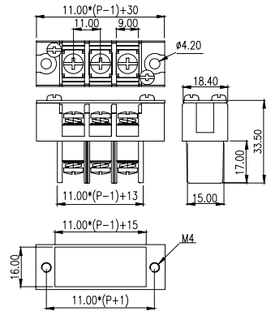
11.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	300V	300V
Rated current	30A	30A
Wire range (AWG)	22~10	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~23P		

0168-20XX



0168-24XX

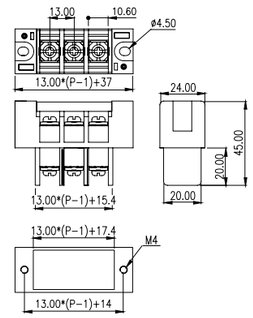


13.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	50A	50A
Wire range (AWG)	22~8	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~12P		

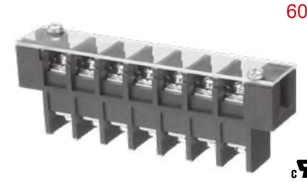
0168-32XX

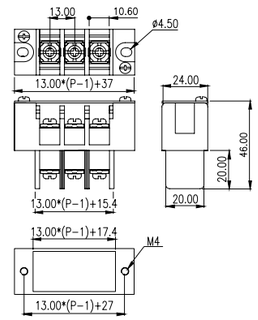
600V



0168-35XX

600V



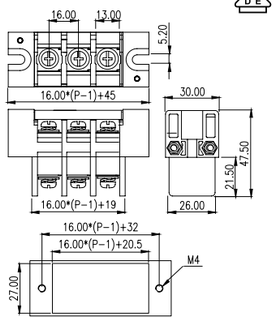


16.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	115A	115A
Wire range (AWG)	14~2	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M5, Steel, Zn plated	
Torque value (N-m)	2.5	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

0168-40XX

600V

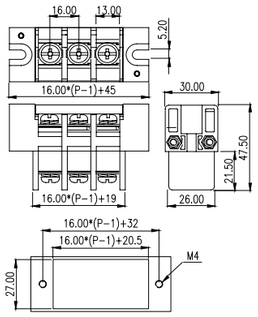


16.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	115A	115A
Wire range (AWG)	14~2	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M6, Steel, Ni plated	
Torque value (N-m)	2.5	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

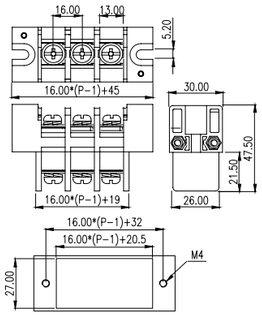
0168-42XX

600V



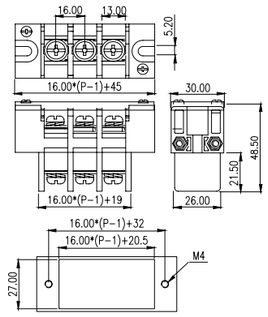
0168-43XX

600V



0168-45XX

600V

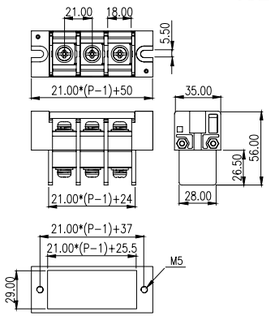


21.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	130A	130A
Wire range (AWG)	8~1	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M6, Steel, Ni plated	
Torque value (N-m)	3	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

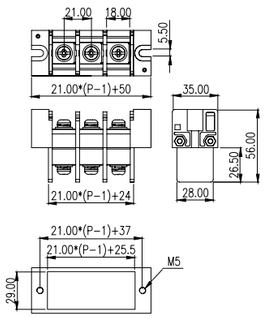
0168-50XX

600V



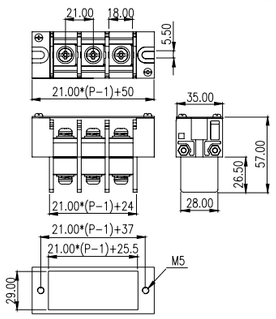
0168-51XX

600V



0168-54XX

600V

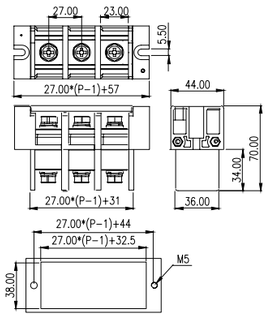


27.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	175A	175A
Wire range (AWG)	10~2/0	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M8, Steel, Ni plated	
Torque value (N-m)	6.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

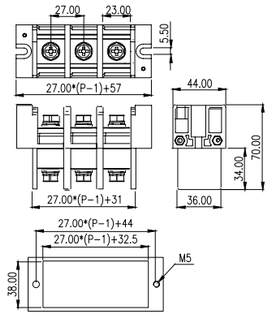
0168-62XX

600V



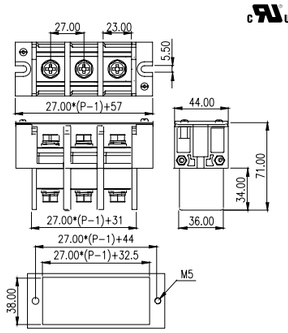
0168-63XX

600V



0168-65XX

600V

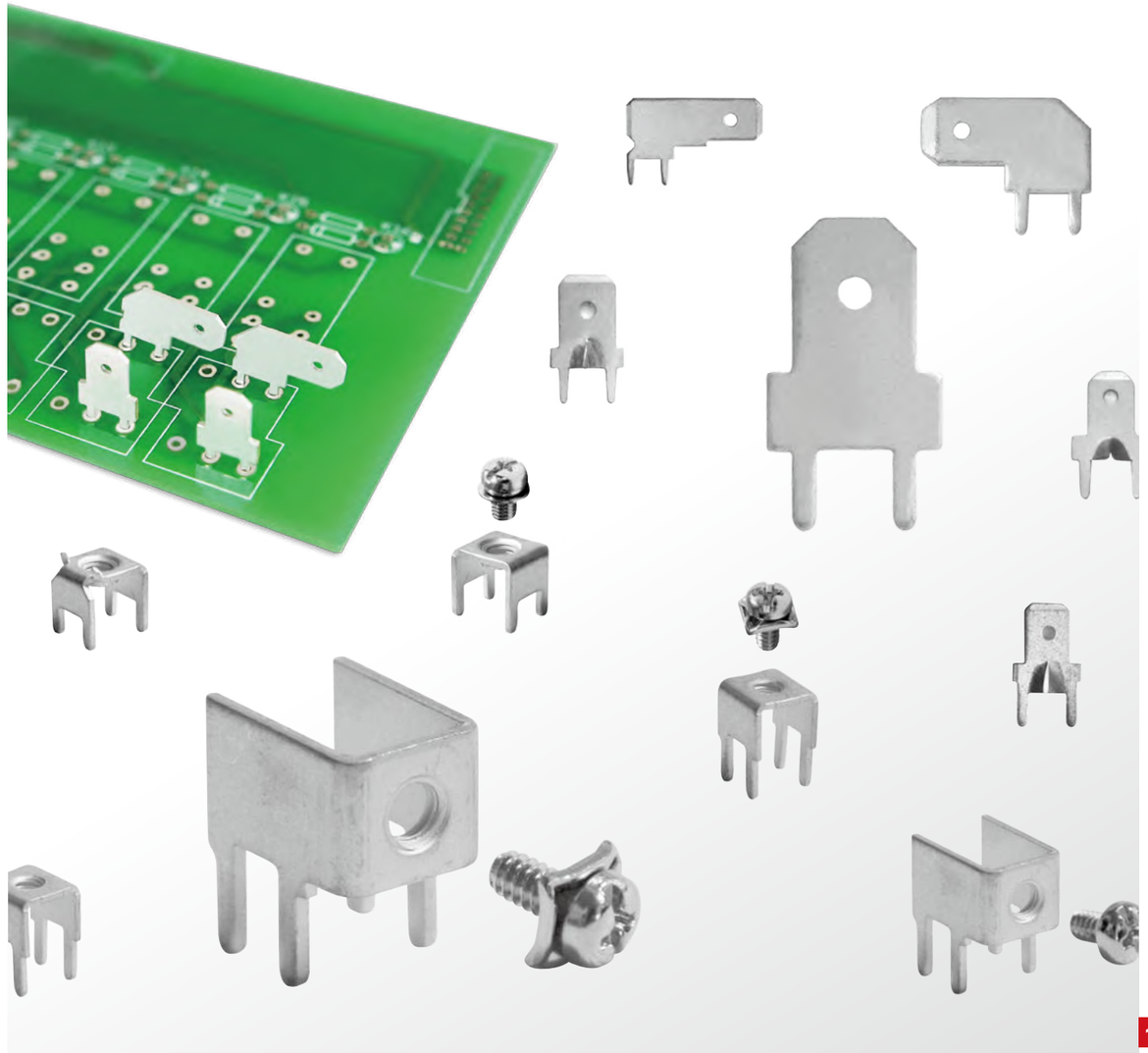


Quick Terminals / Tabs

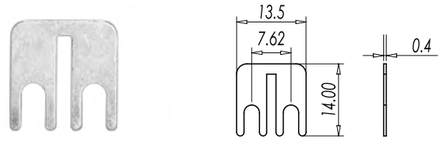
Quick terminals meet the dimensional and performance requirements of the standard UL310.

The series of quick terminals is for reliable and cost-effective connections.

These products are designed to terminate wires and components to printed circuit boards (PCBs). Our quick terminals/tabs provide reliable, cost-effective solutions for connecting assemblies with pin contacts to printed circuit boards.

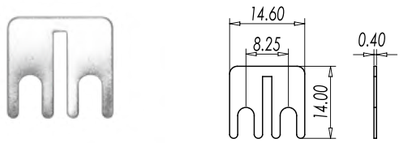


DS-201



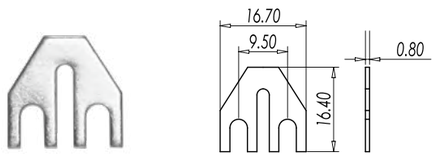
Material	Brass, Tin plated
Rating	15A

DS-301



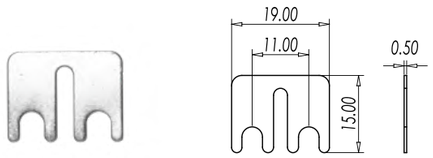
Material	Brass, Tin plated
Rating	20A

DS-401



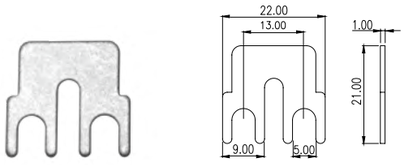
Material	Brass, Tin plated
Rating	25A

DS-601



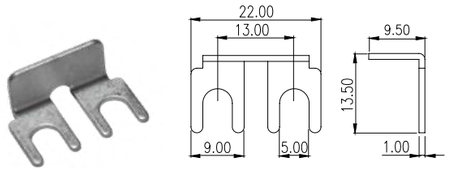
Material	Brass, Tin plated
Rating	25A

DS-701



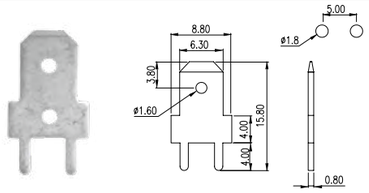
Material	Brass, Tin plated
Rating	40A

DS-701R



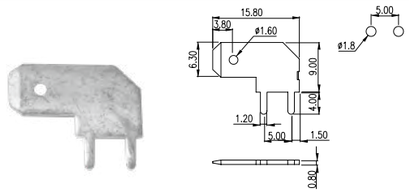
Material	Brass, Tin plated
Rating	40A

P-850



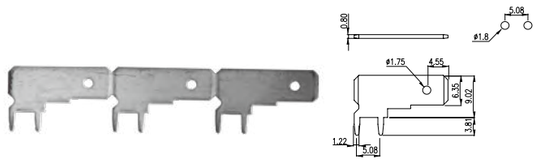
Material	Brass, Tin plated
Rating	30A

P-860



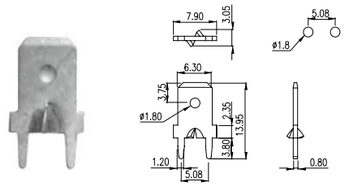
Material	Brass, Tin plated
Rating	30A

P-861



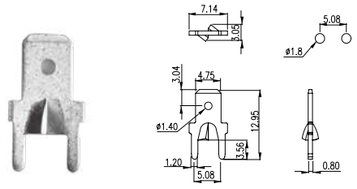
Material	Brass, Tin plated
Rating	30A

P-851



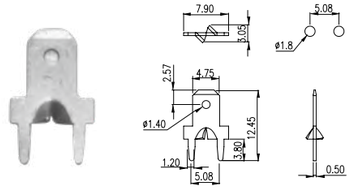
Material	Brass, Tin plated
Rating	30A

P-871



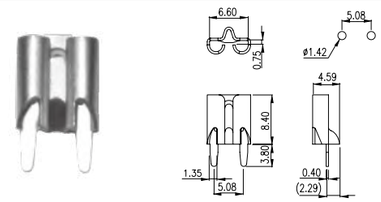
Material	Brass, Tin plated
Rating	30A

P-872



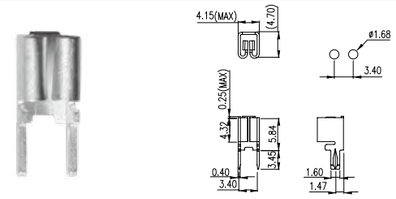
Material	Brass, Tin plated
Rating	30A

P-610



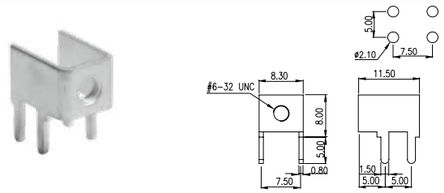
Material	Brass, Tin plated
Rating	30A

P-620



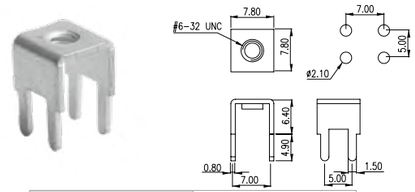
Material	Brass, Tin plated
Rating	20A

P-810



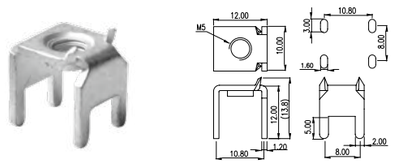
Material	Brass, Tin plated
Rating	80A

P-820



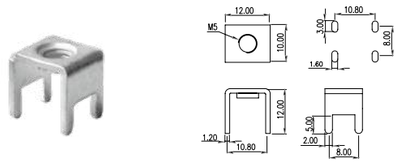
Material	Brass, Tin plated
Rating	50A

P-830



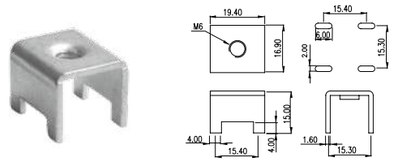
Material	Brass, Tin plated
Rating	85A

P-831



Material	Brass, Tin plated
Rating	85A

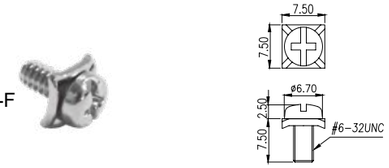
P-840



Material	Brass, Tin plated
Rating	150A

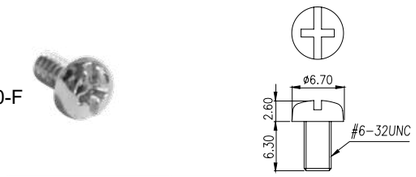
Screw

S000001100-F



Material	Steel, Ni plated
Size	#6-32
Torque (N-m):	0.8

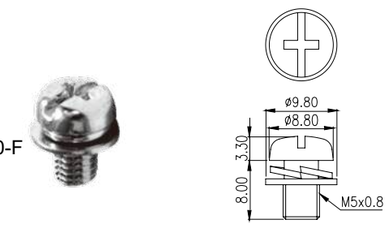
S000001200-F



Material	Steel, Ni plated
Size	#6-32
Torque (N-m):	0.8

Screw

S000004700-F



Material	Steel, Zn plated
Size	M5
Torque (N-m):	2

Screw

S000008400-F

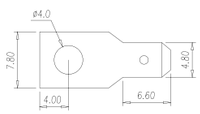
Material	Steel, Ni plated
Size	M6
Torque (N-m):	2.5

Quick PCB Tabs

PCB tabs are used to test receptacle insertion/extraction requirements quickly and simply. Double-ended test tab can be used for electrical and temperature rise testing. These terminals are designed according to the electrical test setup outlined in UL 310.

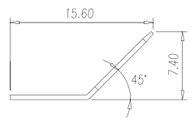
QT-8001~QT-8003

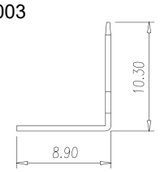
QT-8001



QT-8002

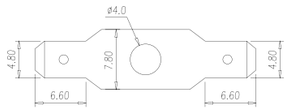
QT-8003





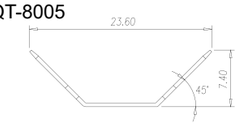
QT-8004~QT-8009

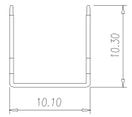
QT-8004



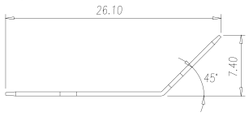
QT-8005

QT-8006

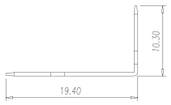




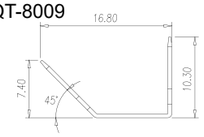
QT-8007



QT-8008

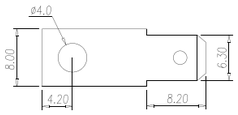


QT-8009



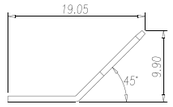
QT-9001~QT-9003

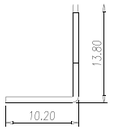
QT-9001



QT-9002

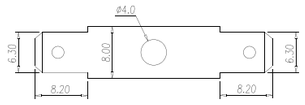
QT-9003





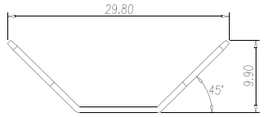
QT-9004~QT-9009

QT-9004

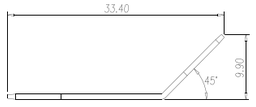


QT-9005

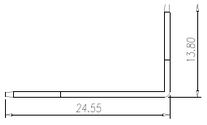
QT-9006



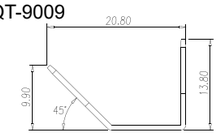
QT-9007



QT-9008



QT-9009



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