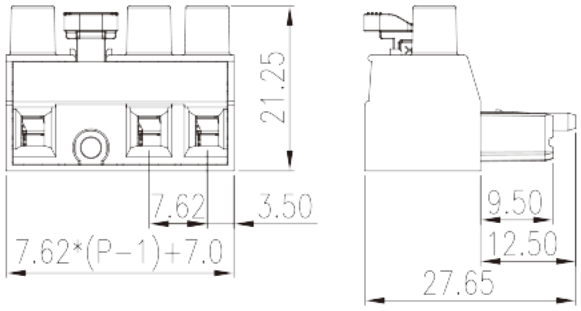
0183-01XXTXX

PCB Terminal Blocks > PCB Connector-Plug

Date:2026-11-17





The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design.
The final product is made according to engineering drawing.

Product Description

Pitch : 7.62mm, M3, 600V, 25A

General information

Short description	PCB Connector – Plug, Screw Connection
Category	PCB Connector – Plug
Pitch (mm)	7.62
Color	Black (default)
Connection method	Screw Connection
Type of locking	With lock flange
Length (mm)	7.62*(P-1)+7.0
Width (mm)	21.25
Height (mm)	27.65
Number of positions	03P~12P
Level	Single level

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

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Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED

Connection data-IEC

Rated voltage (V)	630
Rated current (A)	32
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	500
Rated voltage (III/3)(V)	400
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	6
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	6
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	4
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	4
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4
Philips screwdriver size	0.8x4
Recommend tightening torque. min (N.m)	0.5
Recommend tightening torque. max (N.m)	0.6
Stripping Length (mm)	8~9

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	25
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	25
Rated voltage (UL/CUL Group D)(V)	600

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Rated current (UL/CUL Group D)(A)	5
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	10
Min. stranded wire connection AWG acc. to UL/CUL	20
Max. stranded wire connection AWG acc. to UL/CUL	10

Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

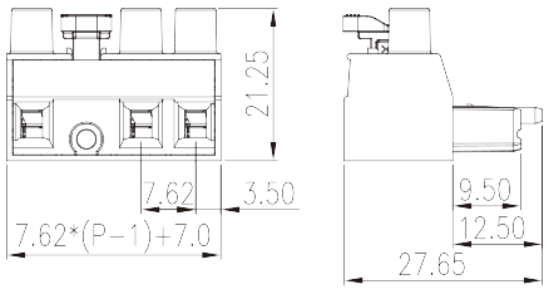
Wire Range (Group B)(AWG)	20~10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	25
Wire Range (Group C)(AWG)	20~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	25
Wire Range (Group D)(AWG)	20~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

CUL Recognized

Wire Range (Group B)(AWG)	20~10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	25
Wire Range (Group C)(AWG)	20~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	25
Wire Ranget (Group D)(AWG)	20~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

Drawings

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Approvals

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