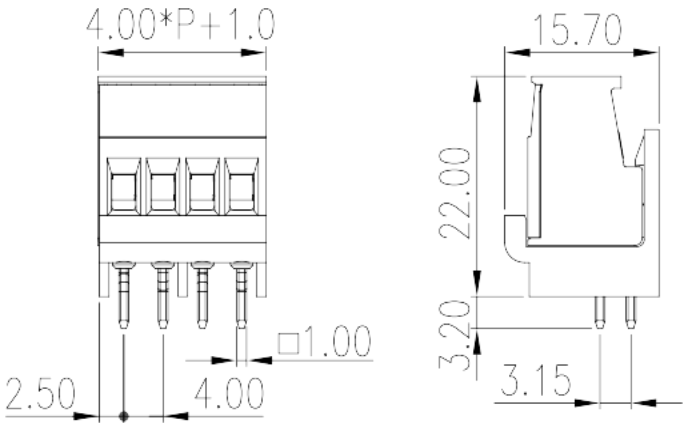
0162-A1XX

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 : 4.00 mm, 300V, 10A

General information

Short description	PCB Terminal Blocks, Screw Connection
Category	PCB Terminal Blocks
Pitch (mm)	4.00
Color	Black (default)
Connection method	Screw Connection
Type of locking	With lock flange
Soldering method	Wave Soldering
Length (mm)	4.00*(P-1)+5.0
Width (mm)	15.7
Height (mm)	22.0
Pin demensions (Thickness x Width)(mm)	1x1
PCB hole diameter (mm)	1.5
Number of positions	02P~24P
Level	Single level

Material information

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Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED

Connection data-IEC

Rated voltage (V)	320
Rated current (A)	17.5
Rated voltage (II/2)(V)	400
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	2.5
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	1.5
Screw thread	M2.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.5*3
Philips screwdriver size	0.5*3
Rated torque (N.m)	0.45
Stripping Length (mm)	6~7

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	10

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Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	14

Environment & Safety

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

UL Recognized

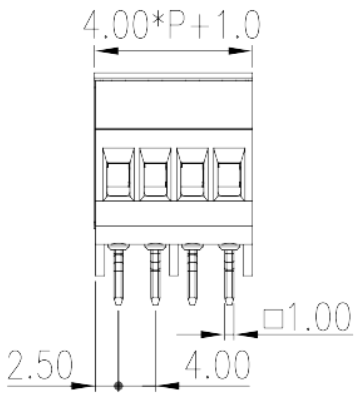
Wire Range (Group B)(AWG)	24~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Range (Group D)(AWG)	24~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

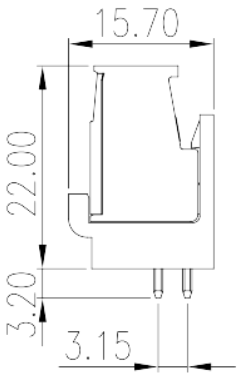
CUL Recognized

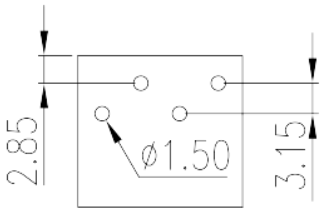
Wire Range (Group B)(AWG)	24~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Ranget (Group D)(AWG)	24~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

Drawings

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Approvals

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