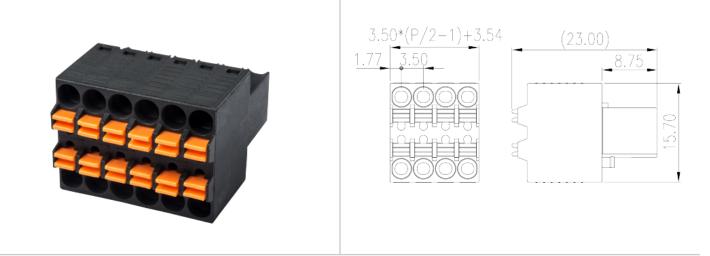


0156-2BXX-BK PCB Terminal Blocks > PCB Connector-Plug

Date:2022-06-09Version:1.1



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 : 3.50 mm, 150V, 8A

General information

Short description	PCB Connector – Plug, Push-in Design
Category	PCB Connector – Plug
Pitch (mm)	3.5
Color	Black (default)
Connection method	Push in Design
Type of locking	Without
Length (mm)	3.50*(P/2-1)+3.54
Width (mm)	23.0
Height (mm)	15.7
Number of positions	04P~40P
Level	Double level

Material information

Insulation material	PA
Insulation material group	Ι
Flame retardant rating , compliant with UL94	VO



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

Connection data-IEC

Rated voltage (V)320Rated current (A)10Rated voltage (II/2) (V)320Rated voltage (II/2) (V)160Rated voltage (II/2) (V)160Rated impulse voltage (II/2) (KV)2.5Rated impulse voltage (II/2) (KV)2.5Rated impulse voltage (II/3) (KV)2.5Conductor cross section solid.min (mm²)0.2Conductor cross section solid.max (mm²)1Conductor cross section solid.max (mm²)1.5Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule plastic sleeve (mm²)0.25Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.75Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.75		
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Rated voltage (III/3)(V)160Rated impulse voltage (II/2)(KV)2.5Rated impulse voltage (III/2)(KV)2.5Rated impulse voltage (III/3)(KV)2.5Conductor cross section solid. min (mm²)0.2Conductor cross section solid.max (mm²)1Conductor cross section stranded. min (mm²)0.2Conductor cross section stranded. min (mm²)0.2Conductor cross section stranded. min (mm²)0.2Conductor cross section stranded. max (mm²)1.5Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)1Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.75	Rated voltage (II/2)(V)	320
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Rated impulse voltage (III/2)(KV)2.5Rated impulse voltage (III/3)(KV)2.5Conductor cross section solid. min (mm²)0.2Conductor cross section solid.max (mm²)1Conductor cross section stranded. min (mm²)0.2Conductor cross section stranded. min (mm²)1.5Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)1Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25	Rated voltage (III/3)(V)	160
Rated impulse voltage (III/3)(KV)2.5Conductor cross section solid. min (mm²)0.2Conductor cross section solid.max (mm²)1Conductor cross section stranded. min (mm²)0.2Conductor cross section stranded. max (mm²)1.5Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)1Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)0.25Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.25	Rated impulse voltage (II/2)(KV)	2.5
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without plastic sleeve (mm²) 0.25 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 0.75 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 0.75	Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.25
plastic sleeve (mm²) 0.75 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 0.75		1
plastic sleeve (mm ²)	Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.25
Stripping Length (mm) 8~9	Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	0.75
	Stripping Length (mm)	8~9

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	150
Rated current (UL/CUL Group B)(A)	8
Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	16
Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	16

Environment & Safety



Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

Wire Range (Group B)(AWG)	28~16
Rated voltage (Group B)(V)	150
Rated current (Group B)(A)	8

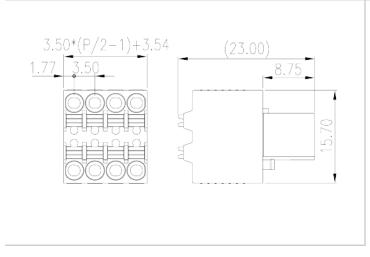
CUL Recognized

Wire Range (Group B)(AWG)	28~16
Rated voltage (Group B)(V)	150
Rated current (Group B)(A)	8

VDE Approval

Wire Range (mm ²)	0.2~1.5
Rated voltage (V)	320
Rated current (A)	10

Drawings



Approvals



