

0207-0100

DIN Rail Terminal Blocks > Push-in Design

Date:2024-12-06



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: 5.08mm, 300V, 10A

General information

Short description	Sensor Terminal Block, Push-in Design
Category	Sensor Terminal Block
Pitch (mm)	5.08
Connection method	Push-in Design
Length (mm)	5.08
Width (mm)	13.1
Height (mm)	16.5
Pin demensions (Thickness x Width)(mm)	3
Number of positions	02P~24P
Level	Single level

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V

Connection data-IEC

Rated voltage (V)	400
Rated current (A)	17.5
Rated voltage (II/2)(V)	400
Rated voltage (III/2) (V)	400
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	2.5
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm ²)	0.5
Conductor cross section solid.max (mm ²)	2.5
Conductor cross section stranded. min (mm ²)	0.5
Conductor cross section stranded. max (mm ²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	1.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.5

Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	1.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm ²)	0.75
Philips screwdriver size	0.6x3.5
Stripping Length (mm)	8~10

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	10
Rated voltage (UL/CUL Group C)(V)	150
Rated current (UL/CUL Group C)(A)	10
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	26
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	26
Max. stranded wire connection AWG acc. to UL/CUL	14

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)	26~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Range (Group C)(AWG)	26~14
Rated voltage (Group C)(V)	150
Rated current (Group C)(A)	10
Wire Range (Group D)(AWG)	26~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

CUL Recognized

Wire Range (Group B)(AWG)	26~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Range (Group C)(AWG)	26~14
Rated voltage (Group C)(V)	150
Rated current (Group C)(A)	10
Wire Range (Group D)(AWG)	26~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

Approvals

