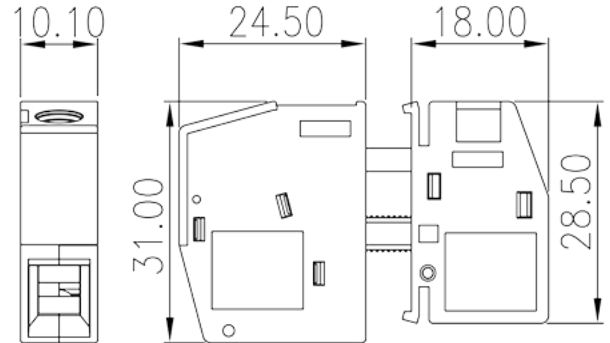


PPACN-10

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2018-12-26Version:1.2



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

M4, 300V, 65A

General information

Short description	Panel feed through terminal blocks , Screw connection
Category	Panel feed through terminal blocks
Color	Gray(default)
Connection method	Screw connection
Length (mm)	10.1
Width (mm)	31
Height (mm)	24.5
Pin dimensions (Thickness x Width)(mm)	2.0x5.1
PCB hole diameter (mm)	7.8

Material information

Insulation material	PA66
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Conductor material	Copper Alloy
Plating of conductor surface	Tinned

Connection data-IEC

Rated voltage (V)	320/400/500
Rated current (A)	76
Rated voltage (II/2)(V)	320/400/500
Rated voltage (III/2) (V)	500
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 (mm ²)	0.5
Conductor cross section solid.max (mm ²)	16
Conductor cross section stranded. min (mm ²)	0.5
Conductor cross section stranded. max (mm ²)	10
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	10
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	10
2 conductors with same cross section, solid, max (mm ²)	4
2 conductors with same cross section, stranded, max (mm ²)	4
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.25
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm ²)	2.5
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)	6
Screw thread	M4
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Philips screwdriver size	PH2
Rated torque (N.m)	1.7
Recommend tightening torque. min (N.m)	1.2
Recommend tightening torque. max (N.m)	1.7
Stripping Length (mm)	10

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	65
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	65
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	6
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	6

Environment & Safety

Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	115
Operating temperature. min (°C)	-40

UL Recognized

Wire Range (Group B)(AWG)	24~6
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	65
Wire Range (Group C)(AWG)	24~6
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	65

CUL Recognized

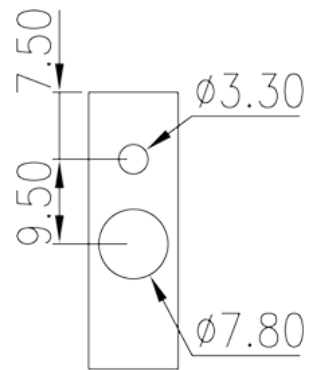
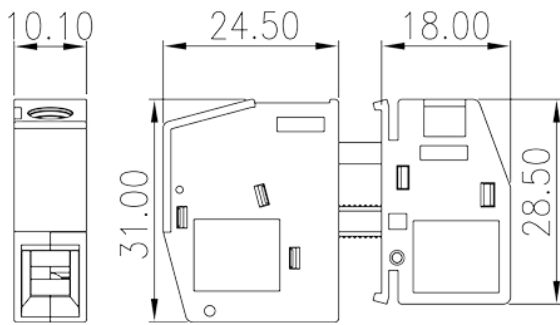
Wire Range (Group B)(AWG)	24~6
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	65
Wire Range (Group C)(AWG)	24~6
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	65

VDE Approval

Wire Range (mm ²)	0.5~16
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Rated voltage (V)	320/400/500
Rated current (A)	76

Drawings



Approvals

