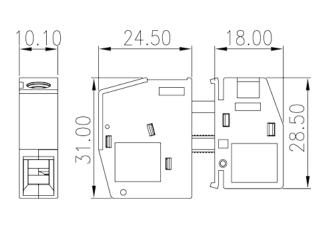


# PPACN-10

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2025-11-03Version: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, Screw Connection
Category	Panel Feed-Through
Color	Grey (default)
Connection method	Screw connection
Type of locking	Without
Length (mm)	10.1
Width (mm)	24.5+18
Height (mm)	31
Number of positions	1P

#### Material information

Insulation material	PA
Insulation material group	I
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)	320V (2.5 ~ 4.0mm mounting plate), 500V (1.0 ~ 2.5mm mounting plate and plastic mounting plate)	
Rated current (A)	76	
Rated voltage (III/3)(V)	320V (2.5 ~ 4.0mm mounting plate), 500V (1.0 ~ 2.5mm mounting plate and plastic mounting plate)	
Rated impulse voltage (III/3)(KV)	6	
Conductor cross section solid. min (mm²)	0.5	
Conductor cross section solid.max (mm²)	16	
Conductor cross section stranded. min (mm²)	0.5	
Conductor cross section stranded. max (mm²)	16	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	16	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	16	
2 conductors with same cross section, solid, min (mm²)	0.5	
2 conductors with same cross section, solid, max (mm²)	4	
2 conductors with same cross section, stranded, min (mm²)	0.5	
2 conductors with same cross section, stranded, max (mm²)	4	
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5	
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5	
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5	
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	6	
Screw thread	M4	
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5	
Philips screwdriver size	PZ2	
Rated torque (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
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	5
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

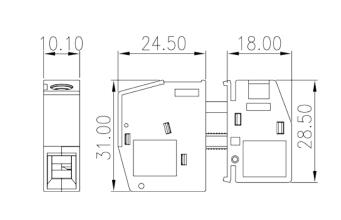
Wire Range (Group B)(AWG)	24~6
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	65
Wire Range (Group C)(AWG)	24~6
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	65

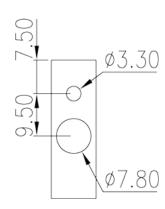
### **VDE** Approval



Wire Range (mm²)	0.5~16
Rated voltage (V)	320V (2.5 ~ 4.0mm mounting plate), 500V (1.0 ~ 2.5mm mounting plate and plastic mounting plate)
Rated current (A)	76

### Drawings





## Approvals







