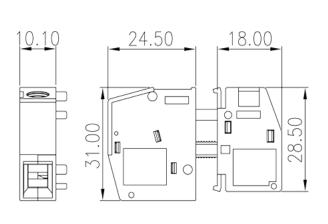


# PPACN-10Z

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2025-11-02Version: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	Feed-Through Panel Type, 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 320V (2.5 ~ 4.0mm mounting plate), 500V (1.0 ~ Rated voltage (V) 2.5mm mounting plate and plastic mounting plate) Rated current (A) 76 Rated voltage (III/3)(V) 500 6 Rated impulse voltage (III/3)(KV) Conductor cross section solid. min (mm<sup>2</sup>) 0.5 Conductor cross section solid.max (mm<sup>2</sup>) 16 Conductor cross section stranded, min (mm<sup>2</sup>) 0.5 Conductor cross section stranded. max (mm<sup>2</sup>) 16 0.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule 16 without plastic sleeve (mm2) 0.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm<sup>2</sup>) Conductor cross section flexible, with max ferrule with 16 plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm<sup>2</sup>) 0.5 2 conductors with same cross section, solid, max (mm<sup>2</sup>) 4 0.5 2 conductors with same cross section, stranded, min (mm<sup>2</sup>)4 2 conductors with same cross section, stranded, max (mm<sup>2</sup>)2 conductors with same cross section flexible, with min 0.5 ferrule without plastic sleeve (mm<sup>2</sup>) 2 conductors with same cross section flexible, with max 2.5 ferrule without plastic sleeve (mm<sup>2</sup>) 2 conductors with same cross section flexible, min twin 0.5 ferrules with plastic sleeve (mm<sup>2</sup>) 6 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm<sup>2</sup>) Screw thread M4 Slotted screwdriver size (Blade thickness x Width)(mm) 1.0\*5.5 Philips screwdriver size PZ2 Rated torque (N.m) 1.47 Recommend tightening torque. min (N.m) 1.2

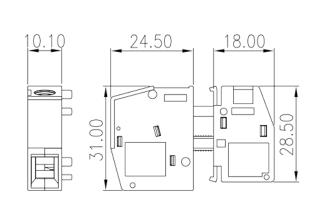
1.5

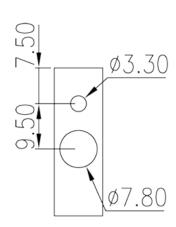
Recommend tightening torque. max (N.m)

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)	120
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
Wire Range (Group D)(AWG)	24~6
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10
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
Wire Ranget (Group D)(AWG)	24~6
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## Drawings





## Approvals





