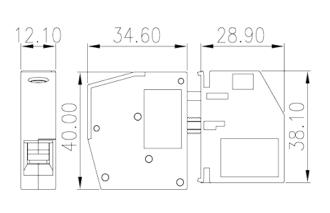


# PPAC-16

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**

M5, 600V, 85A

#### 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)	12.1
Width (mm)	34.6+28.9
Height (mm)	40.4
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)	500	
Rated current (A)	101	
Rated voltage (III/3)(V)	500	
Rated impulse voltage (III/3)(KV)	6	
Conductor cross section solid. min (mm²)	0.5	
Conductor cross section solid.max (mm²)	25	
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)	10	
2 conductors with same cross section, stranded, min (mm²)	0.5	
2 conductors with same cross section, stranded, max (mm²)	6	
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)	6	
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)	10	
Screw thread	M5	
Philips screwdriver size	PZ2	
Rated torque (N.m)	2.0~2.3	
Recommend tightening torque. min (N.m)	2	
Recommend tightening torque. max (N.m)	3.4	
Stripping Length (mm)	16~17	

#### Connection data-UL

600
85
600
85
22
4
22
4

### **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

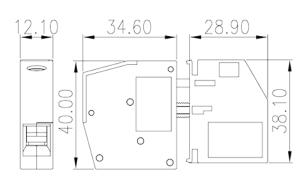
#### **UL** Recognized

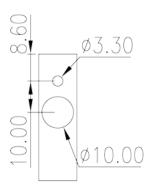
Wire Range (Group B)(AWG)	22~4
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	85
Wire Range (Group C)(AWG)	22~4
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	85

## **CUL** Recognized

Wire Range (Group B)(AWG)	22~4
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	85
Wire Range (Group C)(AWG)	22~4
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	85

# Drawings





# Approvals





