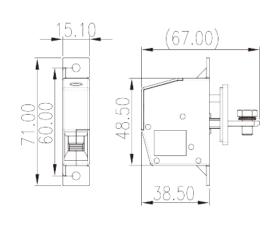


# PPAC-25MAS

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2025-10-23





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, 300V, 115A

#### General information

Short description	Panel Feed-Through, Screw Connection
Category	Panel Feed-Through
Color	Grey (default)
Connection method	Screw Connection
Type of locking	With mounting flange
Length (mm)	15.1
Width (mm)	67
Height (mm)	71
Number of positions	1P

#### Material information

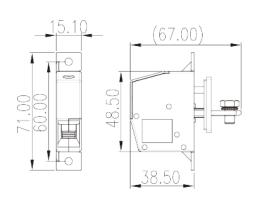
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY

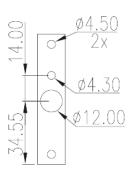


Plating of conductor surface	Tin PLATED	
Connection data-IEC		
Rated voltage (V)	400	
Rated current (A)	125	
Rated voltage (III/3)(V)	400	
Rated impulse voltage (III/3)(KV)	8	
Conductor cross section solid. min (mm²)	6	
Conductor cross section solid.max (mm²)	35	
Conductor cross section stranded. min (mm²)	6	
Conductor cross section stranded. max (mm²)	25	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	6	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	25	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	6	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	16	
2 conductors with same cross section, solid, max (mm²)	10	
2 conductors with same cross section, stranded, max (mm²)	10	
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	2.5	
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	10	
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	2.5	
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	10	
Screw thread	M5	
Philips screwdriver size	PZ2	
Recommend tightening torque. min (N.m)	2	
Recommend tightening torque. max (N.m)	3.38	
Stripping Length (mm)	19	
Connection data-UL		
Rated voltage (UL/CUL Group B)(V)	300	
Rated current (UL/CUL Group B)(A)	115	

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	8
Max. solid wire connection AWG acc. to UL/CUL	2
Min. stranded wire connection AWG acc. to UL/CUL	8
Max. stranded wire connection AWG acc. to UL/CUL	2
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)	8~2
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	115
Wire Range (Group D)(AWG)	8~2
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10
CUL Recognized	
Wire Range (Group B)(AWG)	8~2
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	115
Wire Ranget (Group D)(AWG)	8~2
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

### Drawings





## Approvals



