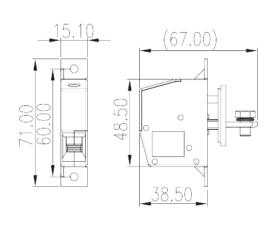


PPAC-25MAS

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2025-11-03





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

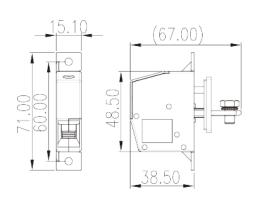
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY

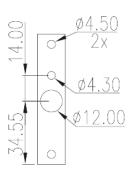


Plating of conductor surface	Tin PLATED	
Connection data-IEC		
Rated voltage (V)	400	
Rated current (A)	125	
Rated voltage (III/3)(V)	400	
Rated impulse voltage (III/3)(KV)	8	
Conductor cross section solid. min (mm²)	6	
Conductor cross section solid.max (mm²)	35	
Conductor cross section stranded. min (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



