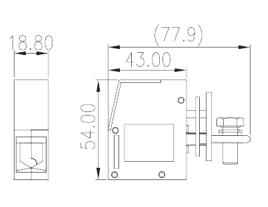


PPAC-50AS

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

M6, 300V, 150A

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)	18.8
Width (mm)	77.9
Height (mm)	54
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)	690	
Rated current (A)	150	
Rated voltage (III/3)(V)	690	
Rated impulse voltage (III/3)(KV)	8	
Conductor cross section solid. min (mm²)	16	
Conductor cross section solid.max (mm²)	50	
Conductor cross section stranded. min (mm²)	16	
Conductor cross section stranded. max (mm²)	50	
Screw thread	M6	
Philips screwdriver size	#5	
Rated torque (N.m)	6	
Recommend tightening torque. min (N.m)	2.5	
Recommend tightening torque. max (N.m)	5.9	
Stripping Length (mm)	22~23	
Connection data-UL	300	
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A)	150	
Rated voltage (UL/CUL Group C)(V)	600	
Rated current (UL/CUL Group C)(A)	150	
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	6	
Max. solid wire connection AWG acc. to UL/CUL	1/0	
Min. stranded wire connection AWG acc. to UL/CUL	6	
Max. stranded wire connection AWG acc. to UL/CUL	1/0	
iviax. strained wire connection Awa acc. to object	1/0	
Environment & Safety		
Back of the hand protection (YES or NO)	YES	
Finger protection (YES or NO)	YES	
Operating temperature. max (°C)	120	



UL Recognized

1/0~6
300
150
1/0~6
300
150
1/0~6
600
5

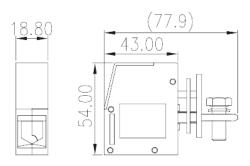
CUL Recognized

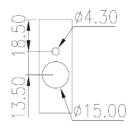
Wire Range (Group B)(AWG)	6~1/0
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	150
Wire Range (Group C)(AWG)	6~1/0
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	150
Wire Ranget (Group D)(AWG)	6~1/0
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

VDE Approval

Wire Range (mm²)	16~50
Rated voltage (V)	400
Rated current (A)	150

Drawings





Approvals







