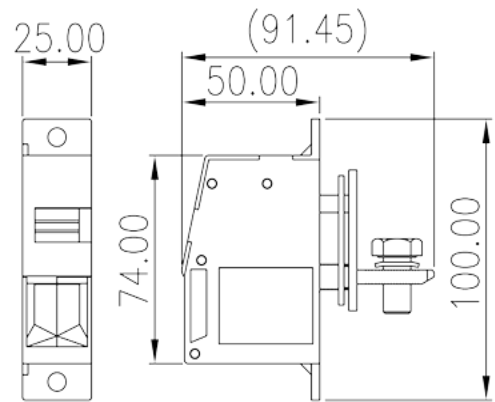


# PPAC-95MAS

PCB Terminal Blocks &gt; Panel Feed-Through Blocks

Date:2025-08-03Version: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

M8, 300V, 230A

## 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)	25
Width (mm)	50+45
Height (mm)	100
Number of positions	1P

## Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	$\geq 500M\Omega$ at DC 500V
Conductor material	COPPER ALLOY

Plating of conductor surface	Tin PLATED
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## Connection data-IEC

Rated voltage (V)	500V (5.0 ~ 6.0mm mounting plate), 630V (1.0 ~ 5.0mm mounting plate and plastic mounting plate)
Rated current (A)	232
Rated voltage (III/3)(V)	500V (5.0 ~ 6.0mm mounting plate), 630V (1.0 ~ 5.0mm mounting plate and plastic mounting plate)
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm <sup>2</sup> )	25
Conductor cross section solid.max (mm <sup>2</sup> )	95
Conductor cross section stranded. min (mm <sup>2</sup> )	25
Conductor cross section stranded. max (mm <sup>2</sup> )	95
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	95
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	95
2 conductors with same cross section, solid, min (mm <sup>2</sup> )	25
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	35
2 conductors with same cross section, stranded, min (mm <sup>2</sup> )	25
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	35
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	16
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	35
Screw thread	M8
Philips screwdriver size	#6
Rated torque (N.m)	14.7
Stripping Length (mm)	26~27

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	230
Rated voltage (UL/CUL Group C)(V)	300

Rated current (UL/CUL Group C)(A)	230
Min. solid wire connection (AWG) acc. to UL/CUL	4
Max. solid wire connection AWG acc. to UL/CUL	4/0
Min. stranded wire connection AWG acc. to UL/CUL	4
Max. stranded wire connection AWG acc. to UL/CUL	4/0

## 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)	4~4/0
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	230
Wire Range (Group C)(AWG)	4~4/0
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	230
Wire Range (Group D)(AWG)	4~4/0
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

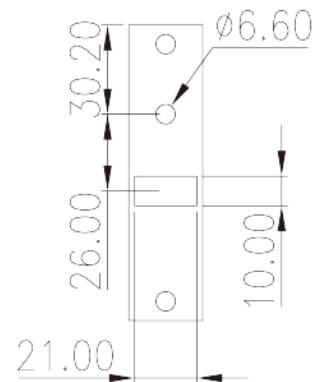
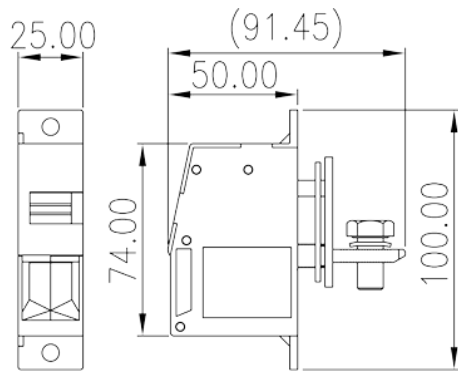
## CUL Recognized

Wire Range (Group B)(AWG)	4~4/0
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	230
Wire Range (Group C)(AWG)	4~4/0
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	230
Wire Range (Group D)(AWG)	4~4/0
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## VDE Approval

Wire Range (mm <sup>2</sup> )	25~95
Rated voltage (V)	500V (5.0 ~ 6.0mm mounting plate), 630V (1.0 ~ 5.0mm mounting plate and plastic mounting plate)
Rated current (A)	232

## Drawings



## Approvals

