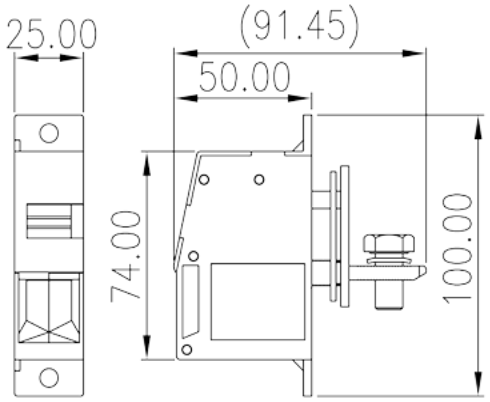
PPAC-95MAS

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2026-11-05Version: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	□500MΩ at DC 500V
Conductor material	COPPER ALLOY

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Plating of conductor surface	Tin PLATED

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 (mm²)	25
Conductor cross section solid.max (mm²)	95
Conductor cross section stranded. min (mm²)	25
Conductor cross section stranded. max (mm²)	95
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	95
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	95
2 conductors with same cross section, solid, min (mm²)	25
2 conductors with same cross section, solid, max (mm²)	35
2 conductors with same cross section, stranded, min (mm²)	25
2 conductors with same cross section, stranded, max (mm²)	35
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	16
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	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

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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

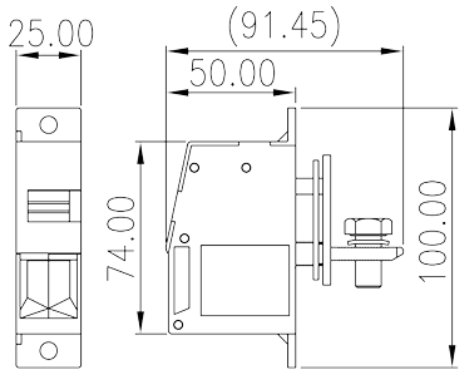
Wire Range (Group B)(AWG)	4~4/0
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	230
Wire Range (Group C)(AWG)	4~4/0
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	230
Wire Ranget (Group D)(AWG)	4~4/0
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

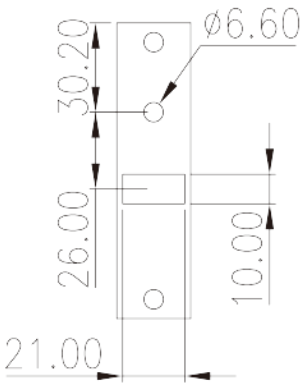
VDE Approval

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Wire Range (mm²)	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

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