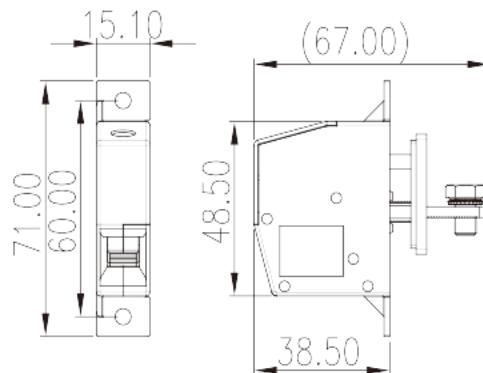


# PPAC-25MAS

PCB Terminal Blocks &gt; Panel Feed-Through Blocks

Date:2026-02-07



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 | V0                |
| 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 (mm <sup>2</sup> )   | 6    |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 35   |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 6    |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | 25   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | 6    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )              | 25   |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )                 | 6    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | 16   |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 10   |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 10   |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 2.5  |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 10   |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )   | 2.5  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )   | 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 |

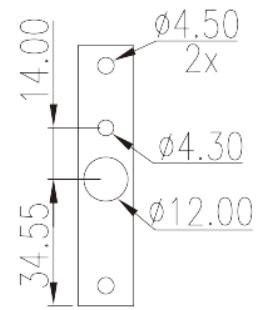
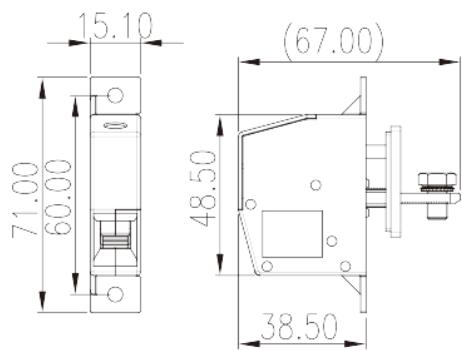
## UL Recognized

|                            |     |
|----------------------------|-----|
| 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 Range (Group D)(AWG)  | 8~2 |
| Rated voltage (Group D)(V) | 300 |
| Rated current (Group D)(A) | 10  |

## Drawings



## Approvals

