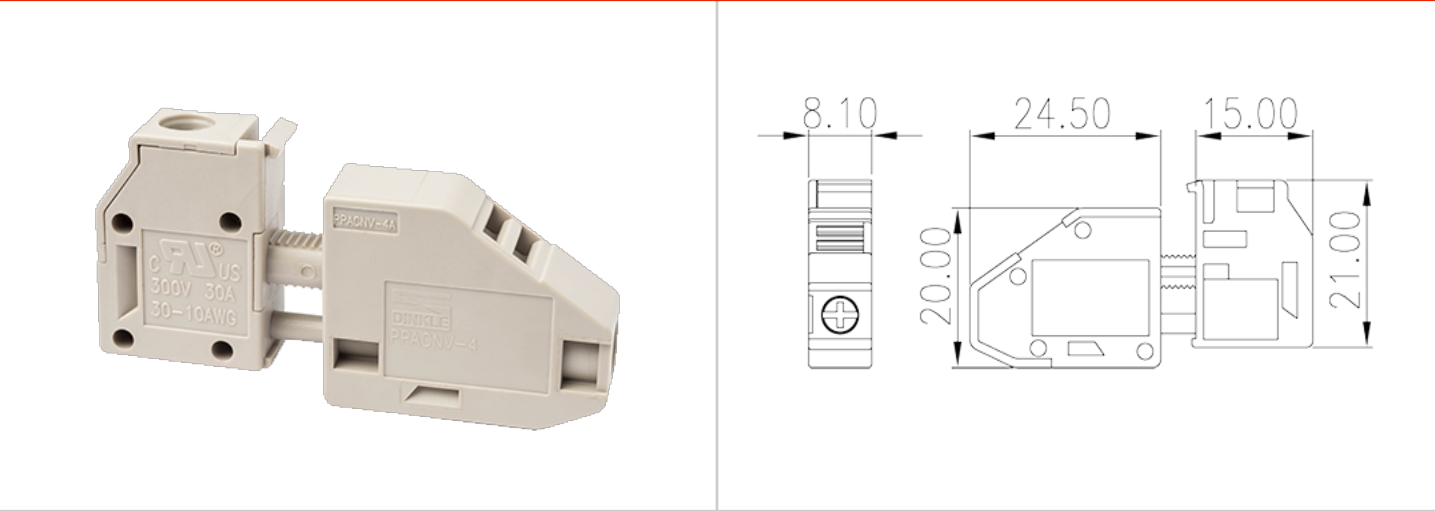


# PPACNV-4

PCB Terminal Blocks > Panel Feed-Through Blocks

Date:2025-09-03Version: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

M3, 300V, 30A

## 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)         | 10.1                                 |
| Width (mm)          | 24.5+15                              |
| Height (mm)         | 21                                   |
| 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)   | 320V (2.5 ~ 4.0mm mounting plate), 400V (1.0 ~ 2.5mm mounting plate), 500V (plastic mounting plate) |
| Rated current (A)   | 41  |
| Rated voltage (III/3)(V)  | 500   |
| Rated impulse voltage (III/3)(KV)   | 6   |
| Conductor cross section solid. min (mm <sup>2</sup> )   | 0.2   |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 6   |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 0.2   |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | 6   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | 0.25  |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )              | 6   |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )                 | 0.25  |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | 4   |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                       | 0.2   |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 1.5   |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.2   |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 1.5   |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.25  |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 1.5   |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )   | 0.5   |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )   | 2.5   |
| Screw thread  | M4  |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.8x4.0   |
| Philips screwdriver size  | PH1   |
| Rated torque (N.m)  | 0.59  |
| Stripping Length (mm)   | 9   |

## Connection data-UL

|  |     |
|--|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 30  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 5   |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 30  |
| Max. solid wire connection AWG acc. to UL/CUL    | 10  |
| Min. stranded wire connection AWG acc. to UL/CUL | 30  |
| Max. stranded wire connection AWG acc. to UL/CUL | 10  |

## 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)  | 30~10 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 30~10 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 30    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 30~10 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 30~10 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 30    |

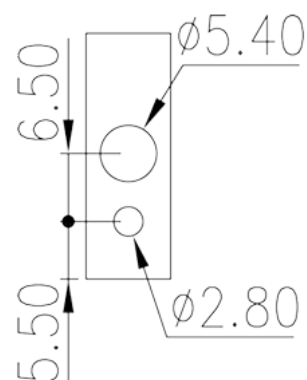
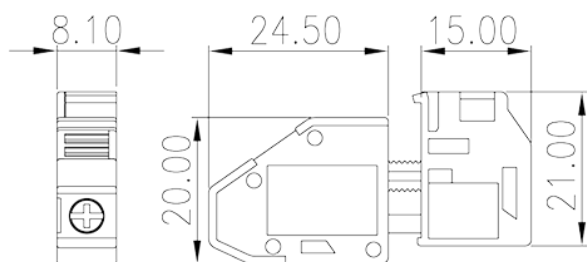
## VDE Approval

|                               |   |
|-------------------------------|---|
| Wire Range (mm <sup>2</sup> ) | 0.2~6   |
| Rated voltage (V)             | 320V (2.5 ~ 4.0mm mounting plate), 400V (1.0 ~ 2.5mm mounting plate), 500V (plastic mounting plate) |

Rated current (A)

41

## Drawings



## Approvals

