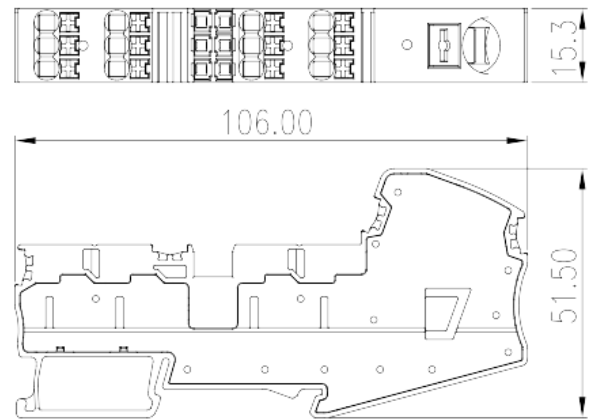
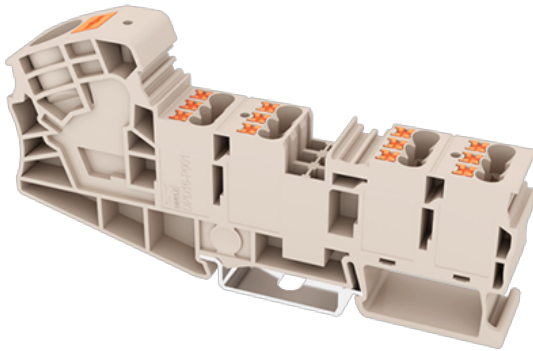


# DPD16-P001

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2025-12-16



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

600V, 80A, Beige (default)

## General information

|                   |   |
|-------------------|---|
| Short description | Potential collective Terminal Block, Push-in Design |
| Category          | Potential collective Terminal Block                 |
| Color             | Beige (default)                                     |
| Connection method | Push-in Design                                      |
| Length (mm)       | 108   |
| Width (mm)        | 15.3  |
| Height (mm)       | 51.5  |
| Level             | Single level  |
| Connection points | 13  |

## Material information

|  |                   |
|--|-------------------|
| Insulation material                          | PA                |
| Insulation material group                    | I                 |
| Flame retardant rating , compliant with UL94 | V0                |
| Insulation resistance                        | □500MΩ at DC 500V |

## Connection data-IEC

|   |                                  |
|---|----------------------------------|
| Rated current (A)   | Line Side: 76 / Load Side: 24    |
| Rated voltage (III/3)(V)  | 1000                             |
| Rated impulse voltage (III/3)(KV)   | Line Side: 8 / Load Side: 6      |
| Conductor cross section solid. min (mm <sup>2</sup> )   | Line Side: 0.5 / Load Side: 0.14 |
| Conductor cross section solid.max (mm <sup>2</sup> )  | Line Side: 25 / Load Side: 4     |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | Line Side: 0.5 / Load Side: 0.14 |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | Line Side: 16 / Load Side: 2.5   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )            | Line Side: 0.5 / Load Side: 0.25 |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )            | Line Side: 16 / Load Side: 2.5   |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )               | Line Side: 0.5 / Load Side: 0.25 |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | Line Side: 16 / Load Side: 2.5   |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | Line Side: 1.5 / Load Side: 0.5  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | Line Side: 4 / Load Side: 0.5    |
| Mounting rail   | TS-35                            |

## Connection data-UL

|  |                               |
|--|-------------------------------|
| Rated voltage (UL/CUL Group B)(V)                | 600                           |
| Rated current (UL/CUL Group B)(A)                | 80 ( Line ) 20 ( Load )       |
| Rated voltage (UL/CUL Group C)(V)                | 600                           |
| Rated current (UL/CUL Group C)(A)                | 80 ( Line ) 20 ( Load )       |
| 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  | Line Side: 20 / Load Side: 26 |
| Max. solid wire connection AWG acc. to UL/CUL    | Line Side: 4 / Load Side: 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | Line Side: 20 / Load Side: 26 |
| Max. stranded wire connection AWG acc. to UL/CUL | Line Side: 4 / Load Side: 12  |

## 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 |

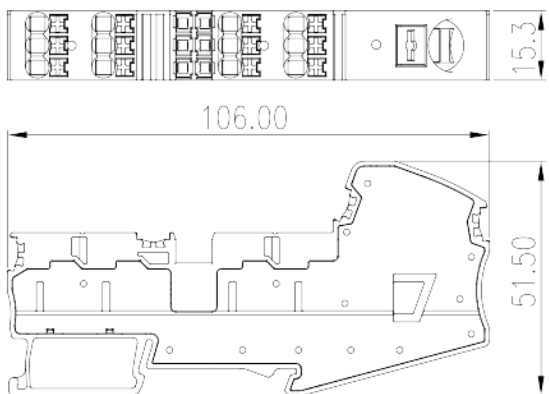
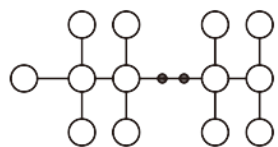
## UL Recognized

|                            |                                     |
|----------------------------|-------------------------------------|
| Wire Range (Group B)(AWG)  | Line Side : 20~4 / Load Side: 26~12 |
| Rated voltage (Group B)(V) | 600                                 |
| Rated current (Group B)(A) | Line Side : 80 / Load Side: 20      |
| Wire Range (Group C)(AWG)  | Line Side : 20~4 / Load Side: 26~12 |
| Rated voltage (Group C)(V) | 600                                 |
| Rated current (Group C)(A) | Line Side : 80 / Load Side: 20      |

## CUL Recognized

|                            |                                     |
|----------------------------|-------------------------------------|
| Wire Range (Group B)(AWG)  | Line Side : 20~4 / Load Side: 26~12 |
| Rated voltage (Group B)(V) | 600                                 |
| Rated current (Group B)(A) | Line Side : 80 / Load Side: 20      |
| Wire Range (Group C)(AWG)  | Line Side : 20~4 / Load Side: 26~12 |
| Rated voltage (Group C)(V) | 600                                 |
| Rated current (Group C)(A) | Line Side : 80 / Load Side: 20      |

## Drawings

|   |   |
|---|---|
|  |  |
|---|---|

## Approvals



