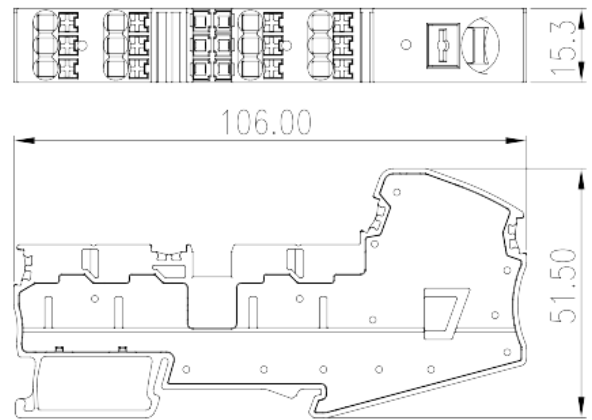
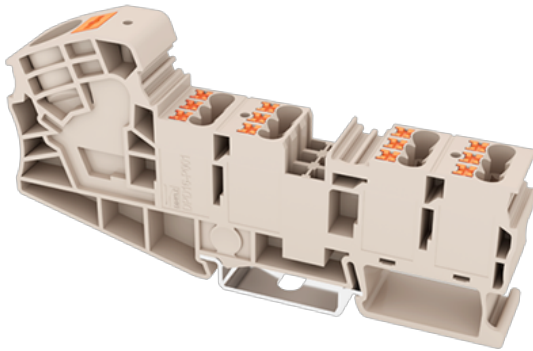


# DPD16-P001

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2026-07-05



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                                      |
| Type of locking     | Rail Mounting                                       |
| Length (mm)         | 108   |
| Width (mm)          | 15.3  |
| Height (mm)         | 51.5  |
| Number of positions | ≥1P   |
| 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 voltage (V)   | 1000                              |
| 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     |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.6x3.5 & 1x5.5                   |
| Stripping Length (mm)   | Line Side: 17~18/ Load Side: 9~10 |
| Mounting rail   | TS-35                             |
| End cover plate required  | NO                                |
| Grounding connections   | NO                                |

## 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

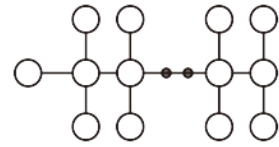
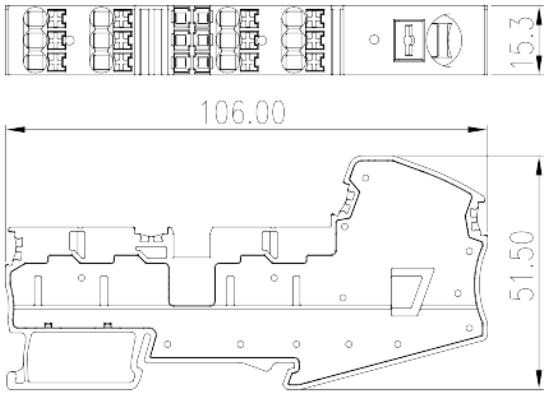
|                            |                                     |
|----------------------------|-------------------------------------|
| Wire Range (Group B)(AWG)  | Line Side : 20~4 / Load Side: 26~12 |
| Rated voltage (Group B)(V) | 600                                 |
| Rated current (Group B)(A)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

