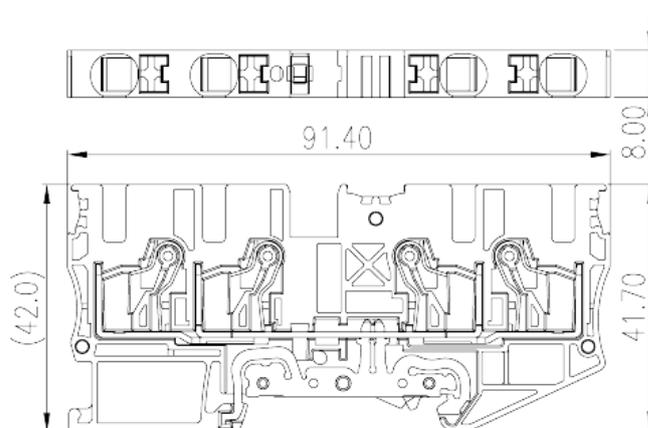
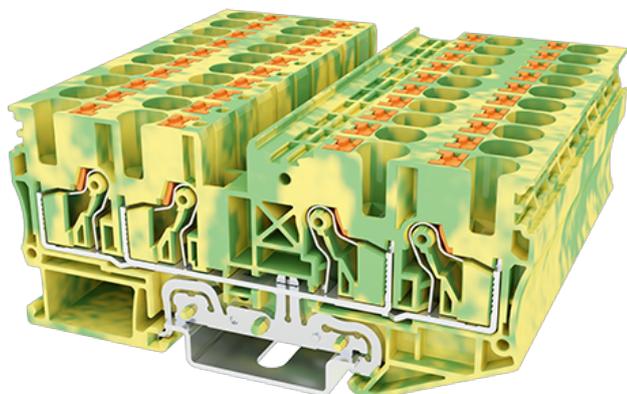


# DP6N-TR-PE

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2026-04-30



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, Green-Yellow (default)

## General information

|                     |  |
|---------------------|--|
| Short description   | Grounding Terminal Block, Push-in Design |
| Category            | Grounding Terminal Block                 |
| Color               | Green-Yellow (default)                   |
| Connection method   | Push-in Design                           |
| Type of locking     | Rail mounting                            |
| Length (mm)         | 91.4                                     |
| Width (mm)          | 8  |
| Height (mm)         | 42                                       |
| Number of positions | ≥1P                                      |
| Level               | Single level                             |
| Connection points   | 4  |

## Material information

|  |    |
|--|----|
| Insulation material                          | PA |
| Insulation material group                    | I  |
| Flame retardant rating , compliant with UL94 | V0 |

|                       |                                     |
|-----------------------|-------------------------------------|
| Insulation resistance | $\geq 500\text{M}\Omega$ at DC 500V |
|-----------------------|-------------------------------------|

## Connection data-IEC

|   |                |
|---|----------------|
| Rated voltage (V)   | 1000           |
| Rated voltage (III/3)(V)  | 1000           |
| Rated impulse voltage (III/3)(KV)   | 8              |
| Conductor cross section solid. min (mm <sup>2</sup> )   | 0.5            |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 10             |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 0.5            |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | 6              |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )            | 0.5            |
| 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> )               | 0.5            |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | 6              |
| 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> ) | 1.5            |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.8x4.0        |
| Stripping Length (mm)   | 12             |
| Mounting rail   | TS-35、TS-35/15 |
| End cover plate required  | YES            |
| Grounding connections   | YES            |

## Connection data-UL

|  |     |
|--|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 20  |
| Max. solid wire connection AWG acc. to UL/CUL    | 8   |
| Min. stranded wire connection AWG acc. to UL/CUL | 20  |
| Max. stranded wire connection AWG acc. to UL/CUL | 8   |

## 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 |

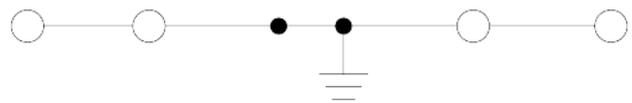
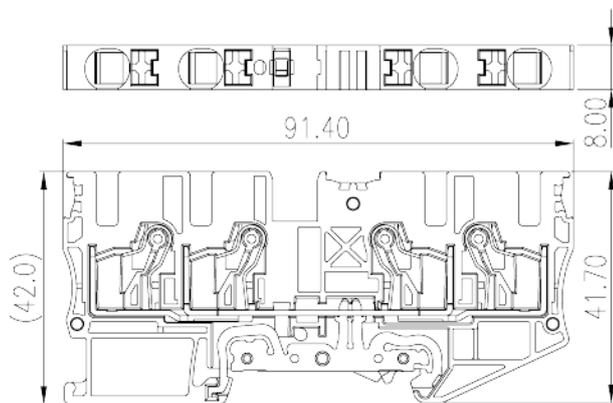
### UL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 20~8 |
| Rated voltage (Group B)(V) | 600  |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 600  |

### CUL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 20~8 |
| Rated voltage (Group B)(V) | 600  |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 600  |

### Drawings



### Approvals

