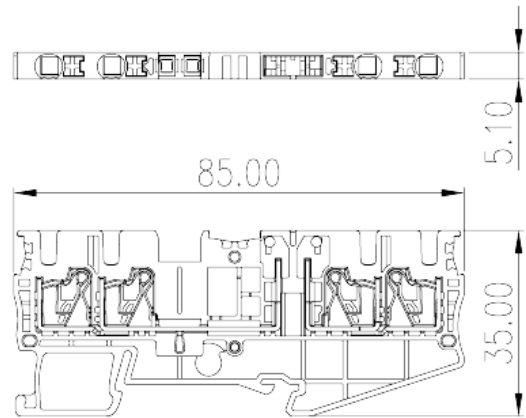
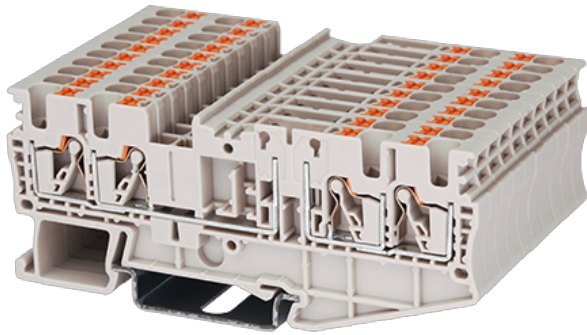


# DP2.5N-TR-T

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2024-12-06



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

300V, 18A, Beige (default)

## General information

|                   |                                           |
|-------------------|-------------------------------------------|
| Short description | Disconnect Terminal Block, Push-in Design |
| Category          | Disconnect Terminal Block                 |
| Color             | Refer to drawing                          |
| Connection method | Push-in Design                            |
| Length (mm)       | 85                                        |
| Width (mm)        | 5.1                                       |
| Height (mm)       | 36.5 ( TS-35N ) / 44 ( TS-35/15N )        |
| Level             | Single level                              |
| Connection points | 4                                         |

## Material information

|                                              |                               |
|----------------------------------------------|-------------------------------|
| Insulation material                          | PA                            |
| Insulation material group                    | I                             |
| Flame retardant rating , compliant with UL94 | V0                            |
| Insulation resistance                        | ≥500MΩ at DC 500V             |
| Conductor material                           | HIGH PERFORMANCE COPPER ALLOY |

Plating of conductor surface

Tin PLATED

## Connection data-IEC

|                                                                                                         |                    |
|---------------------------------------------------------------------------------------------------------|--------------------|
| Rated voltage (V)                                                                                       | 400                |
| Rated current (A)                                                                                       | 20                 |
| Rated voltage (III/3)(V)                                                                                | 400                |
| 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> )                                                    | 4                  |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.2                |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 2.5                |
| 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> )            | 2.5                |
| 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> )               | 2.5                |
| 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> ) | 0.5                |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                  | 0.6x3.5            |
| Stripping Length (mm)                                                                                   | 10                 |
| Mounting rail                                                                                           | TS-35N · TS-35/15N |
| End cover plate required                                                                                | YES                |
| Grounding connections                                                                                   | NO                 |

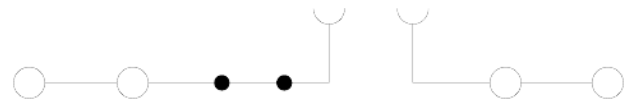
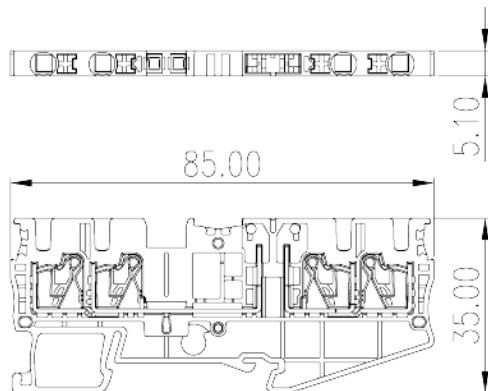
## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 18  |
| Rated voltage (UL/CUL Group C)(V)                | 300 |
| Rated current (UL/CUL Group C)(A)                | 18  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 26  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 26  |
| Max. stranded wire connection AWG acc. to UL/CUL | 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 |

## Drawings



## Approvals

