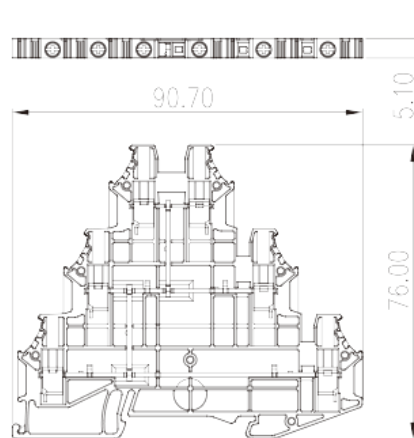
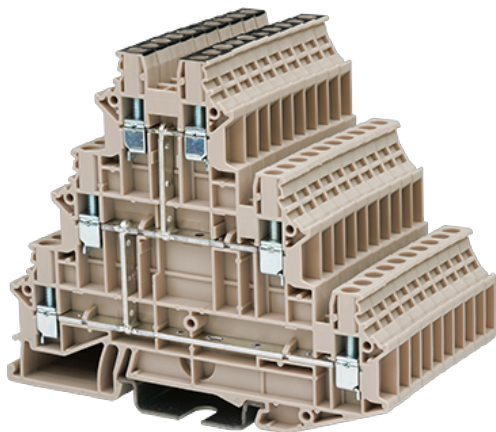


# DK2.5N-3L-PV

DIN Rail Terminal Blocks > Screw Connection

Date:2026-03-23



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, 20A, Beige (default)

## General information

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Short description | Three level Feed-Through Terminal Block, Screw Connection |
| Category          | Three level Feed Through Terminal Block                   |
| Color             | Beige (default)                                           |
| Connection method | Screw Connection                                          |
| Type of locking   | Rail Mounting                                             |
| Length (mm)       | 90.7                                                      |
| Width (mm)        | 5.1                                                       |
| Height (mm)       | 76/77.3 ( TS-35N ) /84.8 ( TS-35/15N )                    |
| Level             | Three level                                               |
| Connection points | 6                                                         |

## 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 current (A)                                                                                         | 24      |
| Rated voltage (III/3)(V)                                                                                  | 1000    |
| Rated impulse voltage (III/3)(KV)                                                                         | 8       |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 0.34    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 4       |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 0.34    |
| 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> )              | 0.5     |
| 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> )                 | 0.5     |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | 2.5     |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                       | 0.34    |
| 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> )                                    | 0.5     |
| 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> ) | 0.5     |
| 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> )   | 1.5     |
| Screw thread                                                                                              | M2.5    |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 0.6x3.5 |
| Rated torque (N.m)                                                                                        | 0.4     |
| Recommend tightening torque. min (N.m)                                                                    | 0.4     |
| Recommend tightening torque. max (N.m)                                                                    | 0.5     |
| 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)                | 600 |
| Rated current (UL/CUL Group B)(A)                | 20  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 20  |
| 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  | 22  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 22  |
| 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 |

## UL Recognized

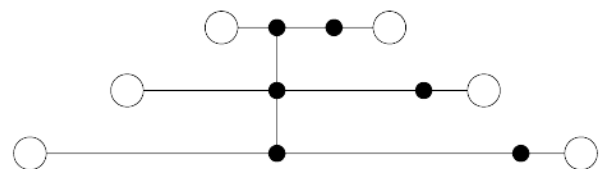
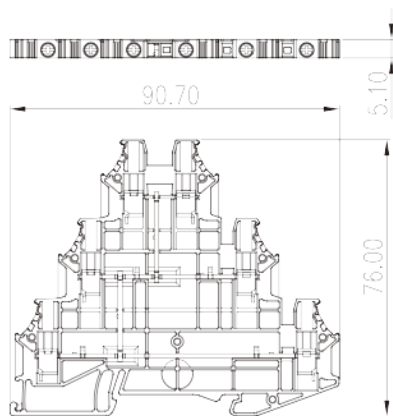
|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 22~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 20    |
| Wire Range (Group C)(AWG)  | 22~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 20    |
| Wire Range (Group D)(AWG)  | 22~12 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 20    |

## CUL Recognized

|                           |       |
|---------------------------|-------|
| Wire Range (Group B)(AWG) | 22~12 |
|---------------------------|-------|

|                            |       |
|----------------------------|-------|
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 20    |
| Wire Range (Group C)(AWG)  | 22~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 20    |
| Wire Ranget (Group D)(AWG) | 22~12 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 20    |

## Drawings



## Approvals

