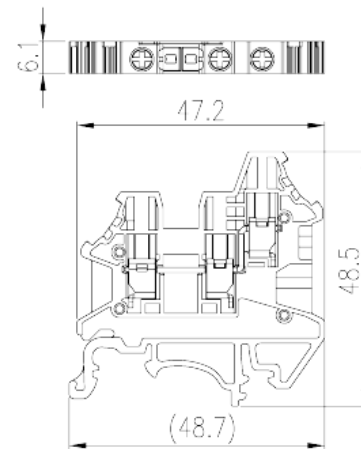
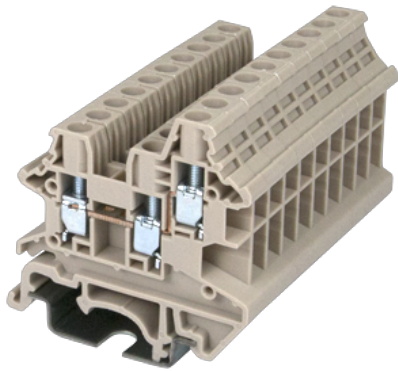


# DK4N-TN

DIN Rail Terminal Blocks > Screw Connection

Date:2025-09-17Version:1.2



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

M3, 600V, 30A, Beige (default)

## General information

|                     |  |
|---------------------|--|
| Short description   | Single Level Feed-through Terminal Block, Screw Connection |
| Category            | Single Level Feed-through Terminal Block                   |
| Color               | Beige (default)  |
| Connection method   | Screw connection   |
| Type of locking     | Rail mounting  |
| Length (mm)         | 48.7   |
| Width (mm)          | 6.1  |
| Height (mm)         | 48.5   |
| Number of positions | □1P  |
| Level               | Single level   |
| Connection points   | 3  |

## 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)   | 800     |
| Rated current (A)   | 32      |
| Rated voltage (III/3)(V)  | 800     |
| Rated impulse voltage (III/3)(KV)   | 8       |
| Conductor cross section solid. min (mm <sup>2</sup> )   | 0.14    |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 6       |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 0.14    |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | 4       |
| 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> )              | 4       |
| 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, solid, min (mm <sup>2</sup> )                                       | 0.14    |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 2.5     |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.14    |
| 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> ) | 0.25    |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 1       |
| 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       |
| Screw thread  | M3      |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.6x3.5 |
| Philips screwdriver size  | PH1     |
| Rated torque (N.m)  | 0.6     |
| Stripping Length (mm)   | 9~11    |

|                          |                |
|--------------------------|----------------|
| Mounting rail            | TS-35、TS-35/15 |
| 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)                | 30  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 30  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 22  |
| Max. solid wire connection AWG acc. to UL/CUL    | 10  |
| Min. stranded wire connection AWG acc. to UL/CUL | 22  |
| Max. stranded wire connection AWG acc. to UL/CUL | 10  |

## 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)  | 22~10 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 22~10 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 30    |

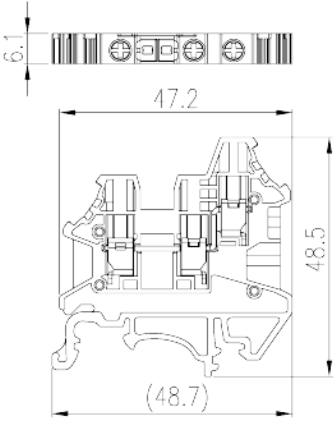
## CUL Recognized

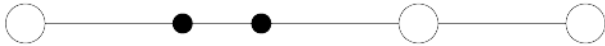
|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 22~10 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 22~10 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 30    |

## VDE Approval

|                   |        |
|-------------------|--------|
| Wire Range (mm²)  | 0.14~4 |
| Rated voltage (V) | 800    |
| Rated current (A) | 32     |

## Drawings





## Approvals

