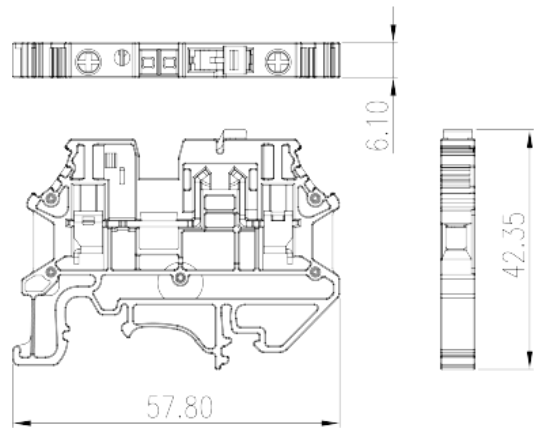
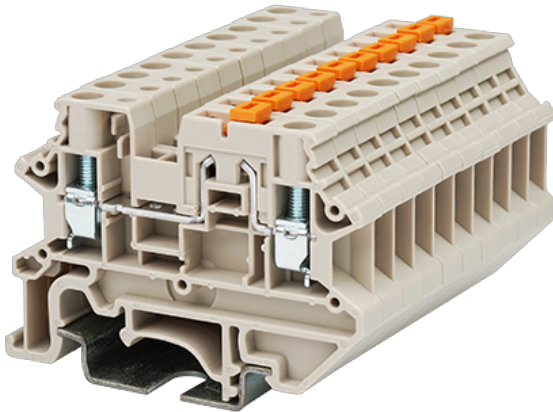


# DK4NS-TG

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2026-05-09



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, 30A, Beige (default)

## General information

|                   |   |
|-------------------|---|
| Short description | Disconnect Terminal Block, Screw Connection |
| Category          | Disconnect Terminal Block                   |
| Color             | Beige (default)                             |
| Connection method | Screw Connection                            |
| Type of locking   | Rail Mounting                               |
| Length (mm)       | 57.8  |
| Width (mm)        | 6.1   |
| Height (mm)       | 42.35/43.5 ( TS-35N ) /51.0 ( TS-35/15N )   |
| Level             | Single level                                |
| Connection points | 2   |

## 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)   | 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> )   | 0.34             |
| 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> )  | 4                |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | 0.34             |
| 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> )                 | 0.34             |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | 4                |
| 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> )                                       | 2.5              |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.34             |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 2.5              |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.34             |
| 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> )   | 2.5              |
| Screw thread  | M3               |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.6x3.5          |
| Rated torque (N.m)  | 0.5              |
| Recommend tightening torque. min (N.m)  | 0.5              |
| Recommend tightening torque. max (N.m)  | 0.6              |
| Stripping Length (mm)   | 9~11             |
| 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)                | 30  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 30  |
| 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    | 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

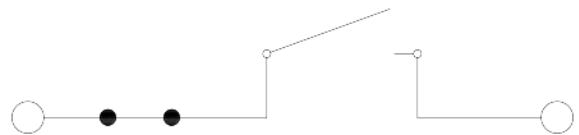
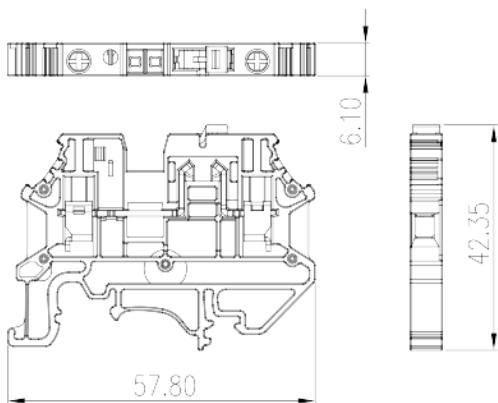
|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 22~10 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 22~10 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A)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

## Drawings



## Approvals

