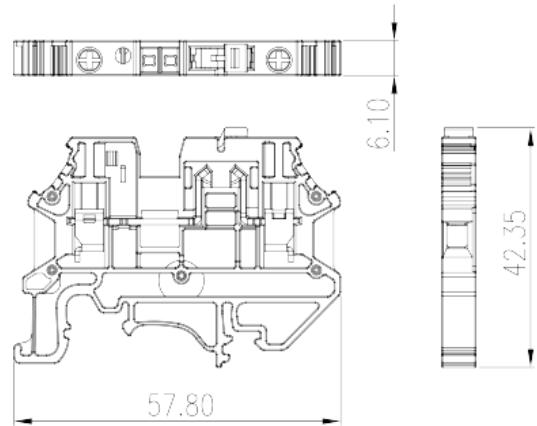
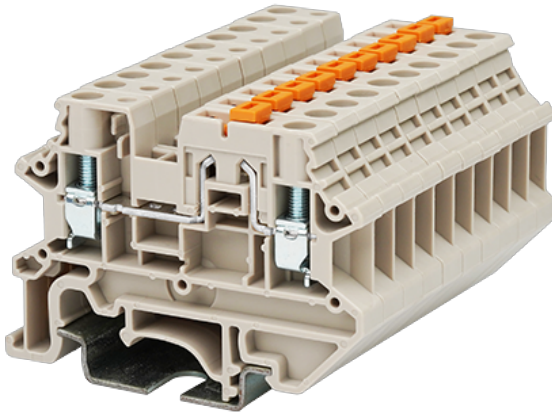


# DK4NS-TG

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2026-09-11



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

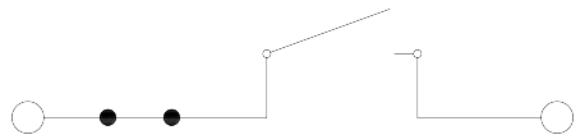
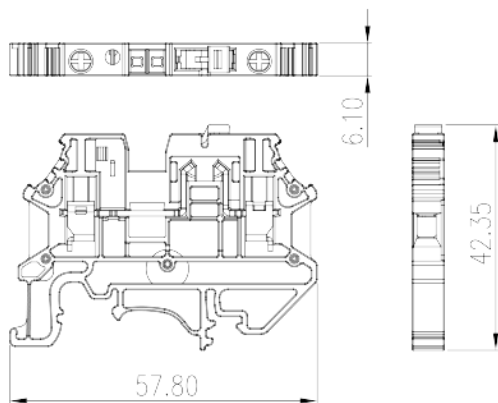
|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 22~10 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 30    |
| Wire Range (Group C)(AWG)  | 22~10 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A)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

