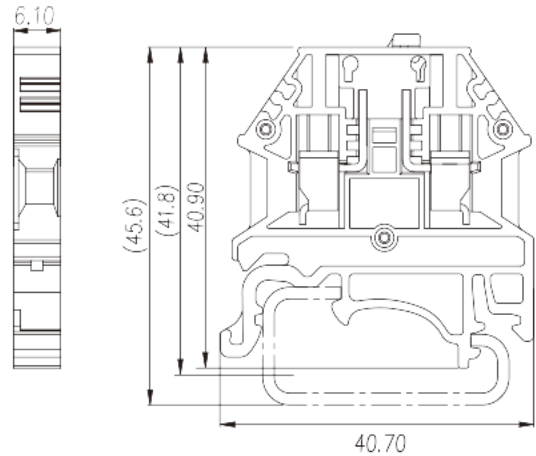
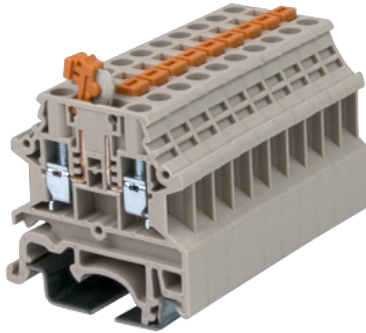


# DK4N-TG

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2023-05-23Version: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, 300V, 30A, Beige (default)

## General information

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Short description   | DIN rail terminal blocks, Disconnect terminal blocks |
| Category            | Disconnect terminal blocks                           |
| Color               | Beige (default)                                      |
| Connection method   | Screw connection                                     |
| Type of locking     | Rail mounting                                        |
| Length (mm)         | 40.7                                                 |
| Width (mm)          | 6.1                                                  |
| Height (mm)         | 42.6                                                 |
| Number of positions | □1P                                                  |
| Level               | Single level                                         |
| Connection points   | 2                                                    |

## Material information

|                                              |    |
|----------------------------------------------|----|
| Insulation material                          | PA |
| Insulation material group                    | I  |
| Flame retardant rating , compliant with UL94 | V0 |

Insulation resistance

 $\geq 500M\Omega$  at DC 500V

## Connection data-IEC

|                                                                                                           |         |
|-----------------------------------------------------------------------------------------------------------|---------|
| Rated voltage (V)                                                                                         | 400     |
| Rated current (A)                                                                                         | 32      |
| Rated voltage (III/3)(V)                                                                                  | 400     |
| Rated impulse voltage (II/2)(KV)                                                                          | 6       |
| Rated impulse voltage (III/2)(KV)                                                                         | 6       |
| Rated impulse voltage (III/3)(KV)                                                                         | 6       |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 0.34    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 6       |
| 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> ) | 0.5     |
| 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> )   | 2.5     |
| Screw thread                                                                                              | M3      |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 0.6x3.5 |
| Philips screwdriver size                                                                                  | PH0     |
| Rated torque (N.m)                                                                                        | 0.6     |

|                          |       |
|--------------------------|-------|
| Stripping Length (mm)    | 9~11  |
| Mounting rail            | TS-35 |
| 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)                | 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  |

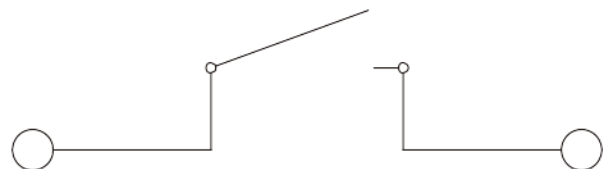
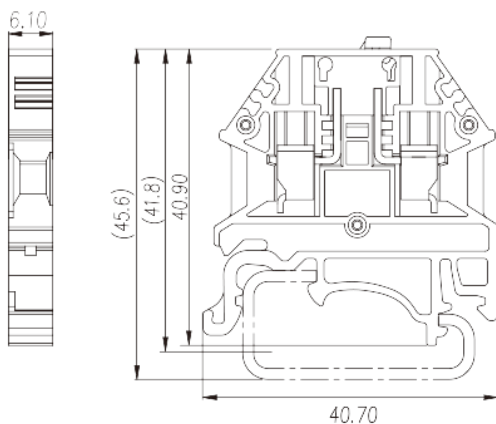
## Environment & Safety

|                                         |     |
|-----------------------------------------|-----|
| 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 |

## VDE Approval

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 0.34~4 |
| Rated voltage (V)             | 400    |
| Rated current (A)             | 32     |

## Drawings



## Approvals

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