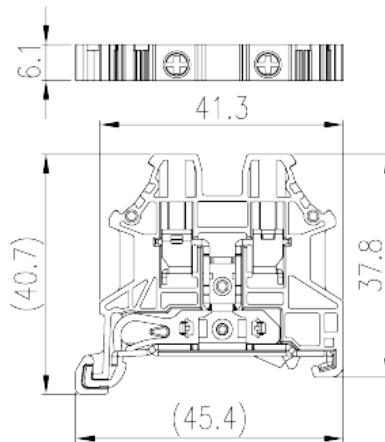


# DK4N-PE

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2026-01-09 Version: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, Green-Yellow (default)

## General information

|                     |  |
|---------------------|--|
| Short description   | Grounding Terminal Block, Screw Connection |
| Category            | Grounding terminal blocks                  |
| Color               | Green-Yellow (default)                     |
| Connection method   | Screw connection                           |
| Type of locking     | Rail mounting                              |
| Length (mm)         | 45.4                                       |
| Width (mm)          | 6.1  |
| Height (mm)         | 40.7                                       |
| 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

□500MΩ at DC 500V

## Connection data-IEC

|   |                  |
|---|------------------|
| Rated voltage (V)   | 1000             |
| Rated voltage (III/3)(V)  | 1000             |
| 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> )                                    | 2.5              |
| 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> )   | 2.5              |
| Screw thread  | M3               |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.6x3.5          |
| Philips screwdriver size  | PH1              |
| Recommend tightening torque. min (N.m)  | 0.5              |
| Recommend tightening torque. max (N.m)  | 0.6              |
| Stripping Length (mm)   | 8~10             |
| Mounting rail   | TS-35 · TS-35/15 |

|                          |     |
|--------------------------|-----|
| End cover plate required | YES |
| Grounding connections    | YES |

## Connection data-UL

|  |     |
|--|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 28  |
| Max. solid wire connection AWG acc. to UL/CUL    | 10  |
| Min. stranded wire connection AWG acc. to UL/CUL | 28  |
| 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)  | 28~10 |
| Rated voltage (Group B)(V) | 600   |
| Wire Range (Group C)(AWG)  | 28~10 |
| Rated voltage (Group C)(V) | 600   |

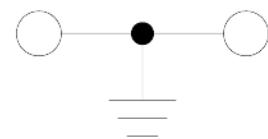
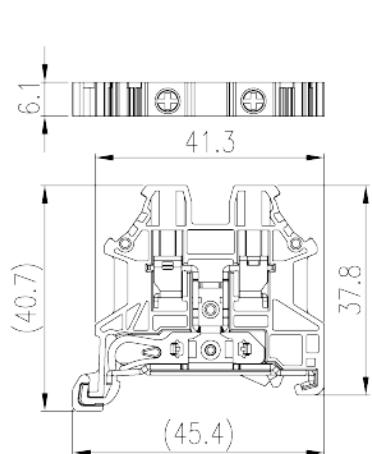
## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~10 |
| Rated voltage (Group B)(V) | 600   |
| Wire Range (Group C)(AWG)  | 28~10 |
| Rated voltage (Group C)(V) | 600   |

## VDE Approval

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 0.14~4 |
| Rated voltage (V)             | 1000   |

## Drawings



## Approvals

