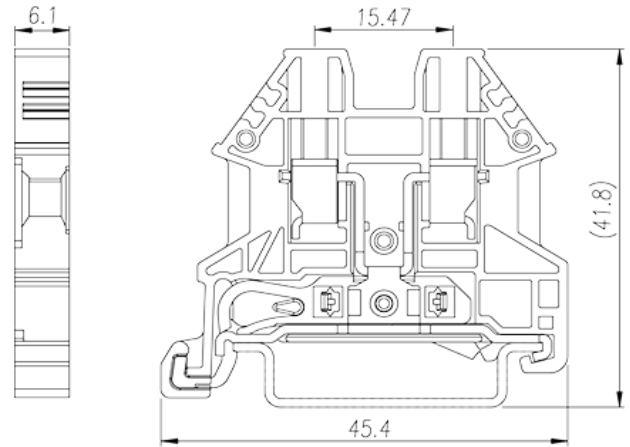
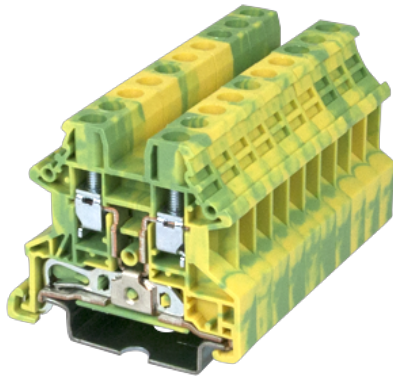


# DK4N-PE

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2024-04-15Version: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 | DIN rail terminal blocks, Grounding terminal blocks |
| 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  |
| 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 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> )                                       | 0.25    |
| 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> )                                    | 0.25    |
| 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> ) | 1.5     |
| 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)   | 8~10    |
| Mounting rail   | TS-35   |
| End cover plate required  | YES     |
| Grounding connections   | YES     |

## Connection data-UL

|   |    |
|---|----|
| 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 |
| Wire Range (Group C)(AWG) | 28~10 |

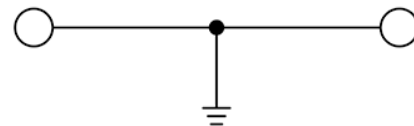
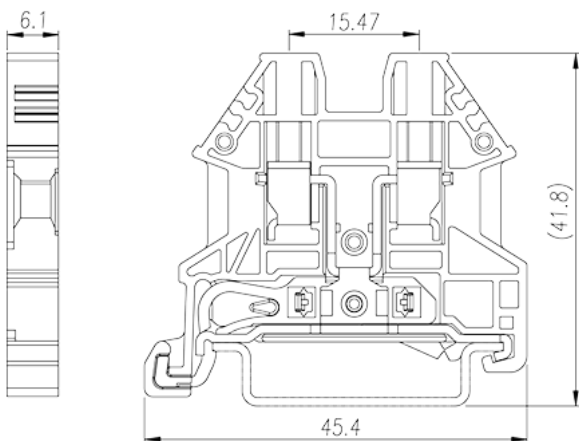
## CUL Recognized

|                           |       |
|---------------------------|-------|
| Wire Range (Group B)(AWG) | 28~10 |
| Wire Range (Group C)(AWG) | 28~10 |

## VDE Approval

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 0.14~4 |
|-------------------------------|--------|

## Drawings



circuit diagram

## Approvals

