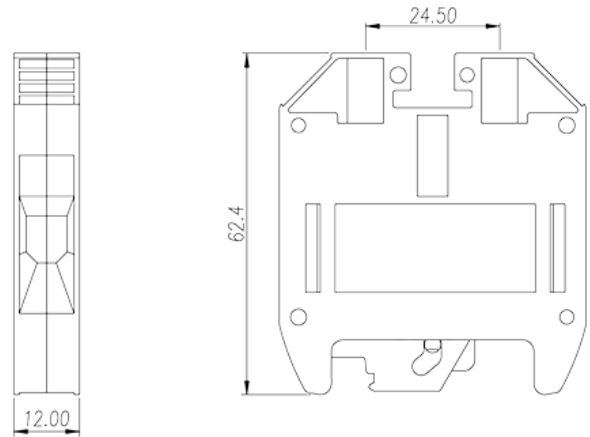
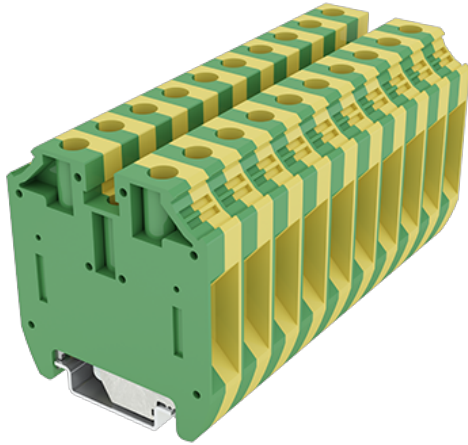


# DK16-PE

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2026-09-11Version: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

M5, 600V, 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)         | 56                                                  |
| Width (mm)          | 12                                                  |
| Height (mm)         | 62.4                                                |
| 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 impulse voltage (II/2)(KV)                                                                          | 8                 |
| Rated impulse voltage (III/2)(KV)                                                                         | 8                 |
| Rated impulse voltage (III/3)(KV)                                                                         | 8                 |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 2.5               |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 16                |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 2.5               |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                  | 16                |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | 2.5               |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )              | 16                |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )                 | 2.5               |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | 16                |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 6                 |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 6                 |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 2.5               |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 6                 |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )   | 2.5               |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )   | 10                |
| Screw thread                                                                                              | M5                |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 1.0x5.5 / 0.8x4.0 |
| Philips screwdriver size                                                                                  | PH2               |
| Rated torque (N.m)                                                                                        | 3.43              |
| Stripping Length (mm)                                                                                     | 14~18             |
| Mounting rail                                                                                             | TS-35             |
| End cover plate required                                                                                  | NO                |
| Grounding connections                                                                                     | YES               |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated voltage (UL/CUL Group D)(V)                | 600 |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 14  |
| Max. solid wire connection AWG acc. to UL/CUL    | 6   |
| Min. stranded wire connection AWG acc. to UL/CUL | 14  |
| Max. stranded wire connection AWG acc. to UL/CUL | 6   |

## 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)  | 14~6 |
| Rated voltage (Group B)(V) | 600  |
| Wire Range (Group C)(AWG)  | 14~6 |
| Rated voltage (Group C)(V) | 600  |
| Wire Range (Group D)(AWG)  | 14~6 |
| Rated voltage (Group D)(V) | 600  |

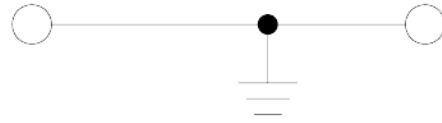
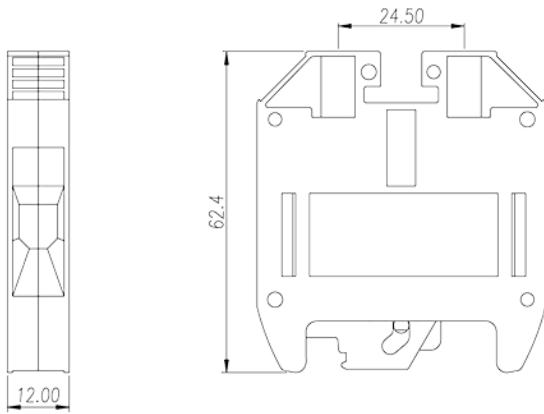
## CUL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 14~6 |
| Rated voltage (Group B)(V) | 600  |
| Wire Range (Group C)(AWG)  | 14~6 |
| Rated voltage (Group C)(V) | 600  |
| Wire Ranget (Group D)(AWG) | 14~6 |
| Rated voltage (Group D)(V) | 600  |

## VDE Approval

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 2.5~16 |
|-------------------------------|--------|

## Drawings



## Approvals

