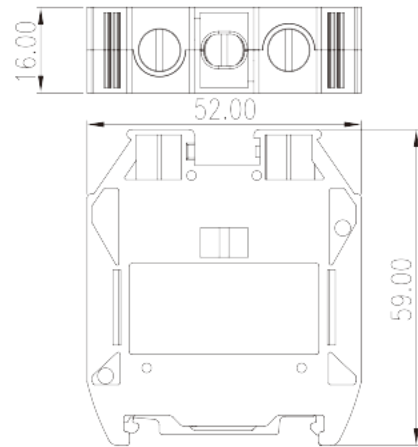
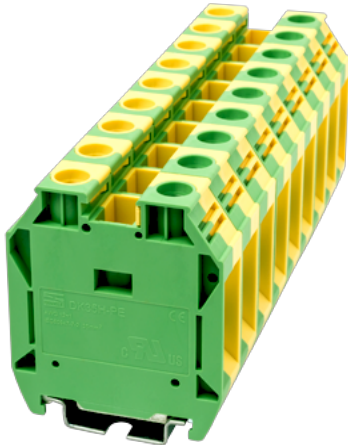


# DK35H-PE

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2021-12-02Version: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

600V, Green-Yellow (default)

## General information

|                     |                                            |
|---------------------|--------------------------------------------|
| Short description   | Grounding Terminal Block, Screw Connection |
| Category            | Grounding Terminal Block                   |
| Pitch (mm)          | 16                                         |
| Color               | Green-Yellow (default)                     |
| Connection method   | Screw Connection                           |
| Type of locking     | Rail mounting                              |
| Length (mm)         | 16                                         |
| Width (mm)          | 52                                         |
| Height (mm)         | 61.2                                       |
| 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> )                                                     | 2.5                                          |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 35 ( for copper rail ) 25 ( for steel rail ) |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 2.5                                          |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                  | 35 ( for copper rail ) 25 ( for steel rail ) |
| 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> )              | 35 ( for copper rail ) 25 ( for steel rail ) |
| 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> )                 | 35 ( for copper rail ) 25 ( for steel rail ) |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                       | 2.5                                          |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 10                                           |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 2.5                                          |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 10                                           |
| 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> ) | 10                                           |
| 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> )   | 16                                           |
| Screw thread                                                                                              | M6 ( wire ) M4 ( rail )                      |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 1.0x5.5                                      |
| Rated torque (N.m)                                                                                        | 3.5 ( wire ) 1.2 ( rail )                    |
| Stripping Length (mm)                                                                                     | 16~18                                        |
| 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  | 12                                         |
| Max. solid wire connection AWG acc. to UL/CUL    | 1 ( for copper rail ) 3 ( for steel rail ) |
| Min. stranded wire connection AWG acc. to UL/CUL | 12                                         |
| Max. stranded wire connection AWG acc. to UL/CUL | 1 ( for copper rail ) 3 ( for steel rail ) |

## 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

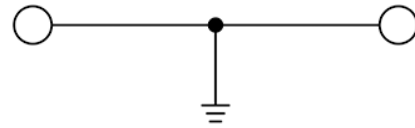
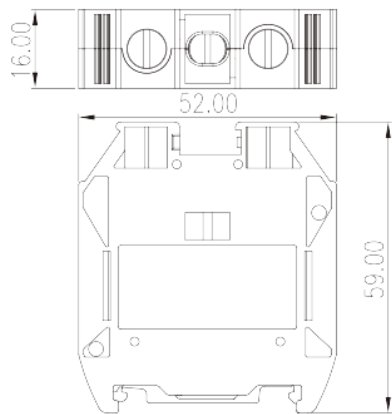
|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Wire Range (Group B)(AWG)  | 12~1 ( for copper rail ) 12~3 ( for steel rail ) |
| Rated voltage (Group B)(V) | 600                                              |
| Wire Range (Group C)(AWG)  | 12~1 ( for copper rail ) 12~3 ( for steel rail ) |
| Rated voltage (Group C)(V) | 600                                              |

## CUL Recognized

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Wire Range (Group B)(AWG)  | 12~1 ( for copper rail ) 12~3 ( for steel rail ) |
| Rated voltage (Group B)(V) | 600                                              |
| Wire Range (Group C)(AWG)  | 12~1 ( for copper rail ) 12~3 ( for steel rail ) |
| Rated voltage (Group C)(V) | 600                                              |

## Drawings

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



circuit diagram

## Approvals

