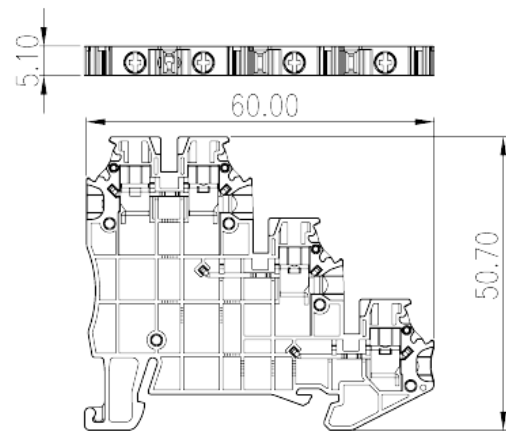
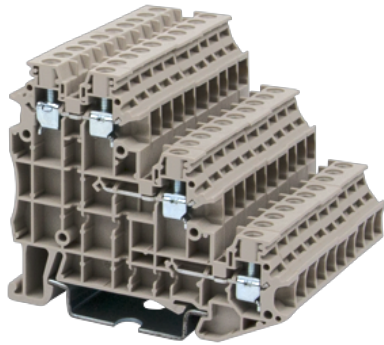


# DK1.5SG

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2026-03-23



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

M2.5, 300V, 15A, Beige (default)

## General information

|                     |                                         |
|---------------------|-----------------------------------------|
| Short description   | Sensor Terminal Block, Screw Connection |
| Category            | Sensor Terminal Block                   |
| Color               | Beige (default)                         |
| Connection method   | Screw Connection                        |
| Length (mm)         | 60.4                                    |
| Width (mm)          | 5.1                                     |
| Height (mm)         | 50.7                                    |
| Number of positions | □1P                                     |
| Level               | Four level                              |
| Connection points   | 4                                       |

## 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)                                                                                         | 250     |
| Rated current (A)                                                                                         | 17.5    |
| Rated voltage (III/3)(V)                                                                                  | 250     |
| Rated impulse voltage (III/3)(KV)                                                                         | 4       |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 0.2     |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 2.5     |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 0.2     |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                  | 2.5     |
| 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> )              | 2.5     |
| 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> )                                       | 0.2     |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 1       |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.2     |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 0.75    |
| 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       |
| 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> )   | 1       |
| Screw thread                                                                                              | M2.5    |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 0.6x3.5 |
| Philips screwdriver size                                                                                  | PH0     |
| Recommend tightening torque. min (N.m)                                                                    | 0.4     |
| Recommend tightening torque. max (N.m)                                                                    | 0.45    |
| Stripping Length (mm)                                                                                     | 8~9     |
| 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)                | 15  |
| Rated voltage (UL/CUL Group C)(V)                | 300 |
| Rated current (UL/CUL Group C)(A)                | 15  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 24  |
| Max. solid wire connection AWG acc. to UL/CUL    | 14  |
| Min. stranded wire connection AWG acc. to UL/CUL | 24  |
| Max. stranded wire connection AWG acc. to UL/CUL | 14  |

## 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 |

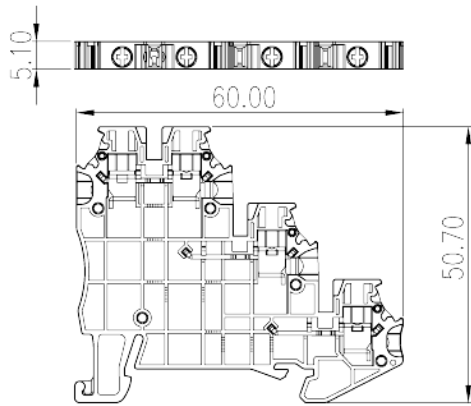
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~14 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 15    |
| Wire Range (Group C)(AWG)  | 24~14 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 15    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~14 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 15    |
| Wire Range (Group C)(AWG)  | 24~14 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 15    |

## Drawings



## Approvals

