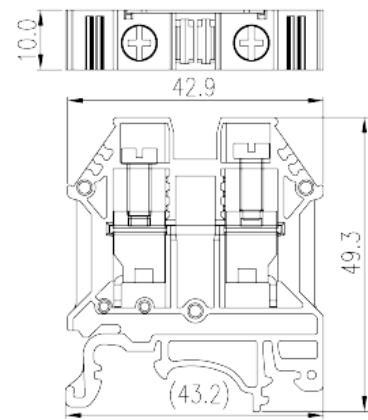
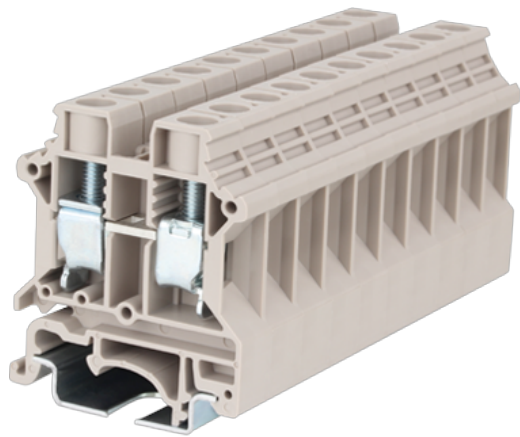


# DK10N

DIN Rail Terminal Blocks > Screw Connection

Date:2024-12-05Version: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

M4, 600V, 60A, Beige (default)

## General information

|                     |                                                             |
|---------------------|-------------------------------------------------------------|
| Short description   | Single level, Feed through terminal blocks,Screw Connection |
| Category            | Single level, Feed through terminal blocks                  |
| Color               | Beige (default)                                             |
| Connection method   | Screw connection                                            |
| Type of locking     | Rail mounting                                               |
| Length (mm)         | 43.2                                                        |
| Width (mm)          | 10                                                          |
| Height (mm)         | 49.3                                                        |
| 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 current (A)                                                                            | 57   |
| Rated voltage (III/3)(V)                                                                     | 1000 |
| 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 (mm²)                                                     | 0.5  |
| Conductor cross section solid.max (mm²)                                                      | 16   |
| Conductor cross section stranded. min (mm²)                                                  | 0.5  |
| Conductor cross section stranded. max (mm²)                                                  | 10   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)              | 0.5  |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)              | 10   |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)                 | 0.5  |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)                 | 10   |
| 2 conductors with same cross section, solid, min (mm²)                                       | 0.5  |
| 2 conductors with same cross section, solid, max (mm²)                                       | 6    |
| 2 conductors with same cross section, stranded, min (mm²)                                    | 0.5  |
| 2 conductors with same cross section, stranded, max (mm²)                                    | 6    |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) | 0.5  |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) | 6    |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)   | 0.5  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)   | 6    |
| Screw thread                                                                                 | M4   |
| Philips screwdriver size                                                                     | PH2  |
| Rated torque (N.m)                                                                           | 1.3  |

|                          |                |
|--------------------------|----------------|
| Stripping Length (mm)    | 12~14          |
| Mounting rail            | TS-35 TS-35/15 |
| End cover plate required | YES            |
| Grounding connections    | NO             |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 600 |
| Rated current (UL/CUL Group B)(A)                | 60  |
| Rated voltage (UL/CUL Group C)(V)                | 600 |
| Rated current (UL/CUL Group C)(A)                | 60  |
| Rated voltage (UL/CUL Group D)(V)                | 600 |
| Rated current (UL/CUL Group D)(A)                | 5   |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 20  |
| Max. solid wire connection AWG acc. to UL/CUL    | 6   |
| Min. stranded wire connection AWG acc. to UL/CUL | 20  |
| 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)  | 20~6 |
| Rated voltage (Group B)(V) | 600  |
| Rated current (Group B)(A) | 60   |
| Wire Range (Group C)(AWG)  | 20~6 |
| Rated voltage (Group C)(V) | 600  |
| Rated current (Group C)(A) | 60   |
| Wire Range (Group D)(AWG)  | 20~6 |
| Rated voltage (Group D)(V) | 600  |
| Rated current (Group D)(A) | 5    |

## CUL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 20~6 |
| Rated voltage (Group B)(V) | 600  |
| Rated current (Group B)(A) | 60   |
| Wire Range (Group C)(AWG)  | 20~6 |
| Rated voltage (Group C)(V) | 600  |
| Rated current (Group C)(A) | 60   |
| Wire Range (Group D)(AWG)  | 20~6 |
| Rated voltage (Group D)(V) | 600  |
| Rated current (Group D)(A) | 5    |

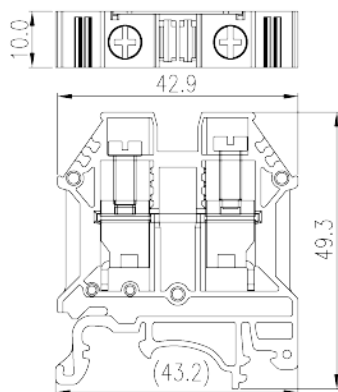
## VDE Approval

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 0.5~10 |
| Rated voltage (V)             | 1000   |
| Rated current (A)             | 57     |

## Explosion - proof Approvals

|                               |        |
|-------------------------------|--------|
| Wire Range (mm <sup>2</sup> ) | 0.5~10 |
| Rated voltage (V)             | 1000   |
| Rated current (A)             | 57     |

## Drawings



## Approvals

