

# DK2.5N-MLXX

DIN Rail Terminal Blocks > Screw Connection

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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

300V, 10A, Beige (default)

## General information

|                   |                                     |
|-------------------|-------------------------------------|
| Short description | Fuse Terminal Block, Push-in Design |
| Category          | Fuse Terminal Block                 |
| Color             | Beige (default)                     |
| Connection method | Screw Connection                    |
| Type of locking   | Rail Mounting                       |
| Length (mm)       | 40.7                                |
| Width (mm)        | 5.1                                 |
| Height (mm)       | 89.1                                |
| 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)                                                                                         | 400                                              |
| Rated current (A)                                                                                         | 6.3 (the Current is determined by the fuse used) |
| Rated voltage (III/3)(V)                                                                                  | 400                                              |
| Rated impulse voltage (III/3)(KV)                                                                         | 6.3                                              |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 0.34                                             |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 4                                                |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 0.34                                             |
| 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> )              | 0.5                                              |
| 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> )                 | 0.5                                              |
| 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> )                                       | 0.34                                             |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 1.5                                              |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.5                                              |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 1.5                                              |
| 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> ) | 1.5                                              |
| 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> )   | 1.5                                              |
| Screw thread                                                                                              | M2.5                                             |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 0.6x3.5                                          |
| Rated torque (N.m)                                                                                        | 0.4                                              |
| Recommend tightening torque. min (N.m)                                                                    | 0.4                                              |
| Recommend tightening torque. max (N.m)                                                                    | 0.5                                              |
| Stripping Length (mm)                                                                                     | 9~11                                             |
| Mounting rail                                                                                             | TS-35N 、 TS-35/15N                               |
| End cover plate required                                                                                  | YES                                              |

Grounding connections

NO

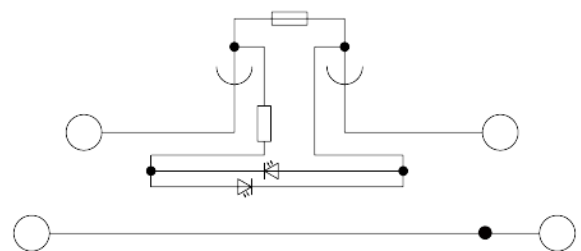
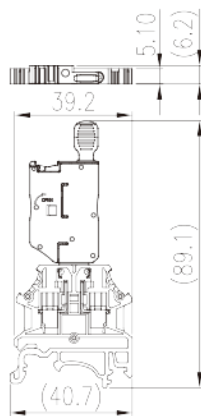
## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 10  |
| Rated voltage (UL/CUL Group C)(V)                | 300 |
| Rated current (UL/CUL Group C)(A)                | 10  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 22  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 22  |
| Max. stranded wire connection AWG acc. to UL/CUL | 12  |

## 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 |

## Drawings



## Approvals



