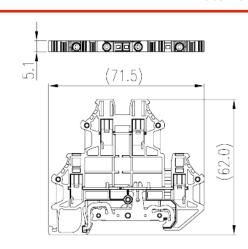


# DKK2.5N-L2PE

DIN Rail Terminal Blocks > Screw Connection

Date:2025-11-03





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, 600V, Beige (default)

#### General information

| Short description   | DIN rail terminal blocks, Bi level feed,Grounding terminal blocks |
|---------------------|---|
| Category            | Grounding Terminal Block  |
| Color               | Beige (default)   |
| Connection method   | Screw connection  |
| Type of locking     | Rail mounting   |
| Length (mm)         | 71.5  |
| Width (mm)          | 5.1   |
| Height (mm)         | 62  |
| Number of positions | □1Р   |
| Level               | Double level  |
| Connection points   | 4   |

#### Material information

| Insulation material       | PA |
|---------------------------|----|
| Insulation material group | I  |



| Flame retardant rating , compliant with UL94  Insulation resistance                          | □500MΩ at DC 500V    |
|--|----------------------|
| Insulation resistance  | D2001AIT3 AT DC 200A |
| Connection data-IEC  |                      |
| Rated voltage (V)  | 800                  |
| Rated current (A)  | 24                   |
| Rated voltage (III/3)(V)   | 800                  |
| 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)   | 0.34                 |
| Conductor cross section solid.max (mm²)  | 4                    |
| Conductor cross section stranded. min (mm²)  | 0.34                 |
| Conductor cross section stranded. max (mm²)  | 2.5                  |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)              | 0.34                 |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)              | 2.5                  |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)                 | 0.34                 |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)                 | 2.5                  |
| 2 conductors with same cross section, solid, min (mm²)                                       | 0.34                 |
| 2 conductors with same cross section, solid, max (mm²)                                       | 2.5                  |
| 2 conductors with same cross section, stranded, min (mm²)                                    | 0.34                 |
| 2 conductors with same cross section, stranded, max (mm²)                                    | 2.5                  |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) | 0.34                 |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) | 1.5                  |
| 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)   | 1                    |
| Screw thread   | M2.5                 |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                       | 0.4x2.5              |
| Philips screwdriver size   | PH0                  |

| 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-35 |
| End cover plate required               | YES   |
| Grounding connections                  | NO    |

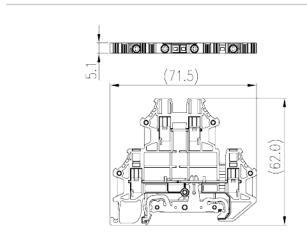
## Connection data-UL

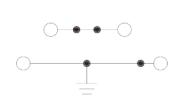
| Rated voltage (UL/CUL Group B)(V)                | 600                 |
|--|---------------------|
| Rated current (UL/CUL Group B)(A)                | 20 ( Upper Levels ) |
| Rated voltage (UL/CUL Group C)(V)                | 600                 |
| Rated current (UL/CUL Group C)(A)                | 20 ( Upper Levels ) |
| 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



