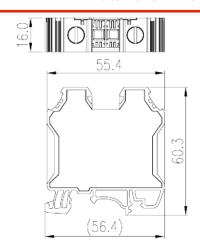


# DK35N

DIN Rail Terminal Blocks > Screw Connection

Date:2025-11-02Version: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**

M6, 600V, 150A, Beige (default)

#### General information

| Short description   | Single Level Feed-through Terminal Block, Screw Connection |
|---------------------|--|
| Category            | Single Level Feed-through Terminal Block,                  |
| Color               | Beige (default)  |
| Connection method   | Screw connection   |
| Type of locking     | Rail mounting  |
| Length (mm)         | 56.4   |
| Width (mm)          | 16   |
| Height (mm)         | 60.3   |
| Number of positions | □1Р  |
| Level               | Single level   |
| Connection points   | 2  |

#### Material information

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



| Flame retardant rating , compliant with UL94  Insulation resistance                          | □500MΩ at DC 500V     |
|--|-----------------------|
| insulation resistance  | LISOOIVIZ2 at DC 300V |
| Connection data-IEC  |                       |
| Rated voltage (V)  | 1000                  |
| Rated current (A)  | 125                   |
| Rated voltage (III/3)(V)   | 1000                  |
| Rated impulse voltage (III/3)(KV)  | 8                     |
| Conductor cross section solid. min (mm²)   | 1.5                   |
| Conductor cross section solid.max (mm²)  | 50                    |
| Conductor cross section stranded. min (mm²)  | 1.5                   |
| Conductor cross section stranded. max (mm²)  | 35                    |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)              | 1.5                   |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)              | 35                    |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)                 | 1.5                   |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)                 | 35                    |
| 2 conductors with same cross section, solid, min (mm²)                                       | 1.5                   |
| 2 conductors with same cross section, solid, max (mm²)                                       | 16                    |
| 2 conductors with same cross section, stranded, min (mm²)                                    | 1.5                   |
| 2 conductors with same cross section, stranded, max (mm²)                                    | 10                    |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) | 1.5                   |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) | 10                    |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)   | 1.5                   |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)   | 10                    |
| Screw thread   | M6                    |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                       | 1.0x5.5               |
| Philips screwdriver size   | PH3                   |
| Rated torque (N.m)   | 3.5~6.9               |
| Recommend tightening torque. min (N.m)   | 3.5                   |

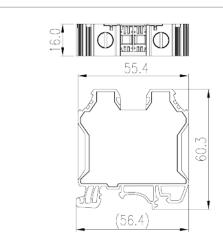
| Recommend tightening torque. max (N.m)           | 6.9              |
|--|------------------|
| Stripping Length (mm)                            | 14~16            |
| Mounting rail                                    | TS-35 \ TS-35/15 |
| End cover plate required                         | NO               |
| Grounding connections                            | NO               |
| Connection data-UL                               |                  |
| Rated voltage (UL/CUL Group B)(V)                | 600              |
| Rated current (UL/CUL Group B)(A)                | 150              |
| Rated voltage (UL/CUL Group C)(V)                | 600              |
| Rated current (UL/CUL Group C)(A)                | 150              |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 12               |
| Max. solid wire connection AWG acc. to UL/CUL    | 1/0              |
| Min. stranded wire connection AWG acc. to UL/CUL | 12               |
| Max. stranded wire connection AWG acc. to UL/CUL | 1/0              |
| Environment & Safety                             |                  |
| Back of the hand protection (YES or NO)          | YES              |
| Finger protection (YES or NO)                    | NO               |
| Operating temperature. max (°C)                  | 120              |
| Operating temperature. min (°C)                  | -40              |
| UL Recognized                                    |                  |
| Wire Range (Group B)(AWG)                        | 12~1/0           |
| Rated voltage (Group B)(V)                       | 600              |
| Rated current (Group B)(A)                       | 150              |
| Wire Range (Group C)(AWG)                        | 12~1/0           |
| Rated voltage (Group C)(V)                       | 600              |
| Rated current (Group C)(A)                       | 150              |
| CLIL December d                                  |                  |
| CUL Recognized                                   |                  |
| Wire Range (Group B)(AWG)                        | 12~1/0           |
|  | 12~1/0<br>600    |
| Wire Range (Group B)(AWG)                        | ·                |

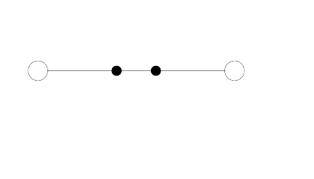
| Rated voltage (Group C)(V) | 600 |
|----------------------------|-----|
| Rated current (Group C)(A) | 150 |

### **VDE** Approval

| Wire Range (mm²)  | 1.5~35 |
|-------------------|--------|
| Rated voltage (V) | 1000   |
| Rated current (A) | 125    |

## Drawings





## Approvals







