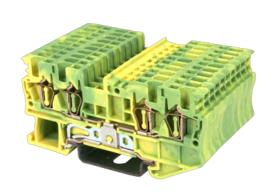
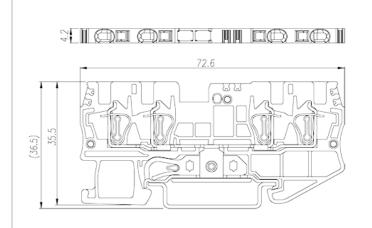


# AK1.5-TR-PE

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2025-10-24Version:1.1





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**

Green-Yellow (default)

#### General information

| Short description | DIN Rail terminal blocks, Grounding terminal blocks |
|-------------------|---|
| Category          | Grounding terminal blocks                           |
| Color             | Green-Yellow (default)                              |
| Connection method | Spring Clamp Connection                             |
| Type of locking   | Rail Mounting                                       |
| Length (mm)       | 72.6  |
| Width (mm)        | 4.2   |
| Height (mm)       | 35.5  |
| Level             | Single level  |
| Connection points | 4   |

#### Material information

| Insulation material                          | PA |
|--|----|
| Insulation material group                    | I  |
| Flame retardant rating , compliant with UL94 | V0 |

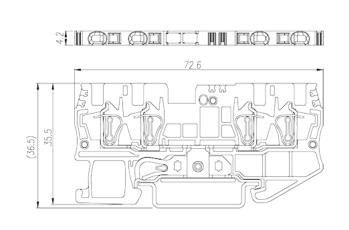
| Insulation resistance   | ≥500MΩ at DC 500V |
|---|-------------------|
| Connection data-IEC   |                   |
| Rated voltage (V)   | 630               |
| Rated voltage (III/3)(V)  | 630               |
| Rated impulse voltage (II/2)(KV)  | 8                 |
| Rated impulse voltage (III/2)(KV)   | 8                 |
| Rated impulse voltage (III/3)(KV)   | 8                 |
| Conductor cross section solid. min (mm²)  | 0.14              |
| Conductor cross section solid.max (mm²)   | 1.5               |
| Conductor cross section stranded. min (mm²)                                     | 0.14              |
| Conductor cross section stranded. max (mm²)                                     | 1.5               |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) | 0.25              |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) | 0.75              |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)    | 0.25              |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)    | 0.75              |
| Slotted screwdriver size (Blade thickness x Width)(mm)                          | 0.4x2.5           |
| Stripping Length (mm)   | 10                |
| Mounting rail   | TS-35             |
| End cover plate required  | YES               |
| Grounding connections   | YES               |
| Connection data-UL  |                   |
| Rated voltage (UL/CUL Group B)(V)   | 600               |
| Rated voltage (UL/CUL Group C)(V)   | 600               |
| Min. solid wire connection (AWG) acc. to UL/CUL                                 | 30                |
| Max. solid wire connection AWG acc. to UL/CUL                                   | 14                |
| Min. stranded wire connection AWG acc. to UL/CUL                                | 30                |
| 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               |

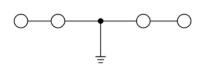


| Operating temperature. max (°C) | 120   |
|---------------------------------|-------|
| Operating temperature. min (°C) | -40   |
| UL Recognized                   |       |
| Wire Range (Group B)(AWG)       | 30~14 |
| Rated voltage (Group B)(V)      | 600   |
| Wire Range (Group C)(AWG)       | 30~14 |
| Rated voltage (Group C)(V)      | 600   |
| CUL Recognized                  |       |
| Wire Range (Group B)(AWG)       | 30~14 |
| Rated voltage (Group B)(V)      | 600   |
| Wire Range (Group C)(AWG)       | 30~14 |
| Rated voltage (Group C)(V)      | 600   |
| VDE Approval                    |       |
| 1227.661.                       |       |

## Drawings

Rated voltage (V)





630

circuit diagram

### Approvals









