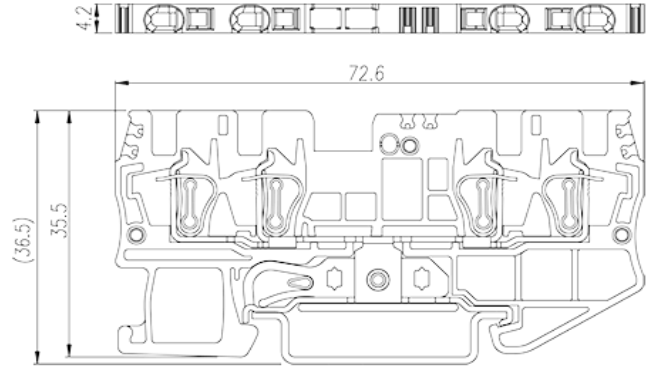
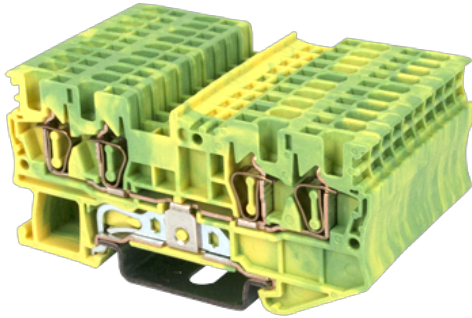


# AK1.5-TR-PE

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2026-03-23Version: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 | $\geq 500\text{M}\Omega$ 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 (mm <sup>2</sup> )                                        | 0.14    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                         | 1.5     |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                     | 0.14    |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                     | 1.5     |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.25    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.75    |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )    | 0.25    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )    | 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   |

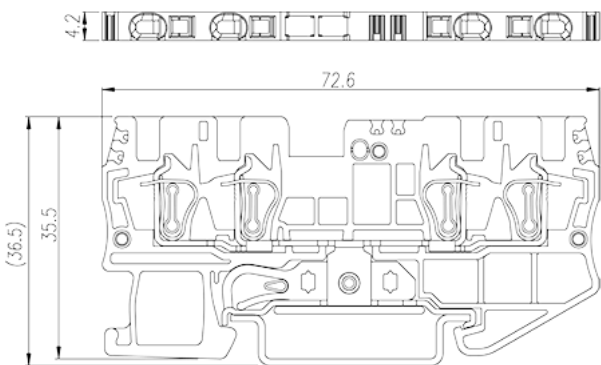
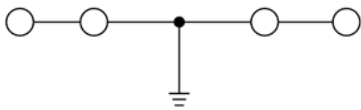
## CUL Recognized

|                            |       |
|----------------------------|-------|
| 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

|                               |          |
|-------------------------------|----------|
| Wire Range (mm <sup>2</sup> ) | 0.14~1.5 |
| Rated voltage (V)             | 630      |

## Drawings

|                                                                                     |                                                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|  |  <p>circuit diagram</p> |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

## Approvals



