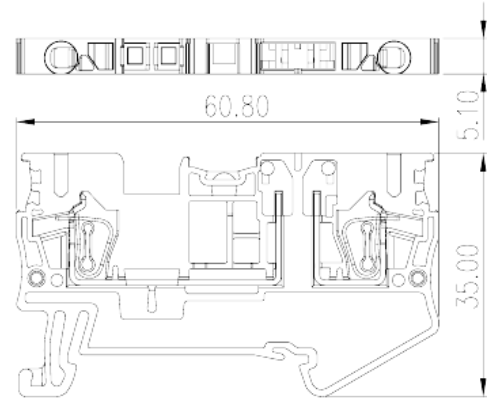
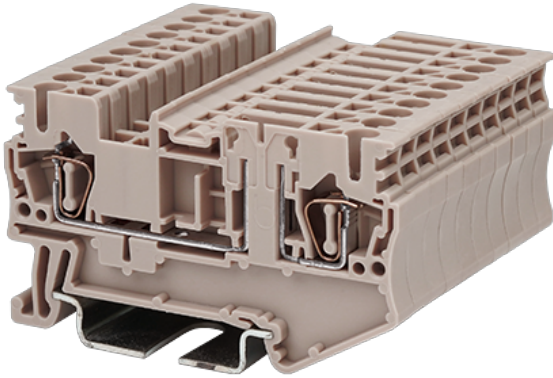


# AK2.5-T

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2026-03-23



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, 16A, Beige (default)

## General information

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Short description | Disconnect Terminal Block, Spring Clamp Connection |
| Category          | Disconnect Terminal Block                          |
| Color             | Beige (default)                                    |
| Connection method | Spring Clamp Connection                            |
| Length (mm)       | 60.8                                               |
| Width (mm)        | 5.1                                                |
| Height (mm)       | 35 36.5 ( TS-35N ) / 44 ( TS-35/15N )              |
| Level             | Single level                                       |
| Connection points | 2                                                  |

## 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)                                                                                       | 400              |
| Rated current (A)                                                                                       | 21               |
| Rated voltage (III/3)(V)                                                                                | 400              |
| Rated impulse voltage (III/3)(KV)                                                                       | 6                |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                   | 0.2              |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                    | 2.5              |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.2              |
| 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> )            | 0.25             |
| 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> )               | 0.25             |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | 2.5              |
| 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                |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                  | 0.6x3.5          |
| Stripping Length (mm)                                                                                   | 10~11            |
| 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)                | 16  |
| Rated voltage (UL/CUL Group C)(V)                | 300 |
| Rated current (UL/CUL Group C)(A)                | 16  |
| Rated voltage (UL/CUL Group D)(V)                | 300 |
| Rated current (UL/CUL Group D)(A)                | 5   |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 28  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 28  |

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 |

## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 16    |
| Wire Range (Group C)(AWG)  | 28~12 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 16    |
| Wire Range (Group D)(AWG)  | 28~12 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 5     |

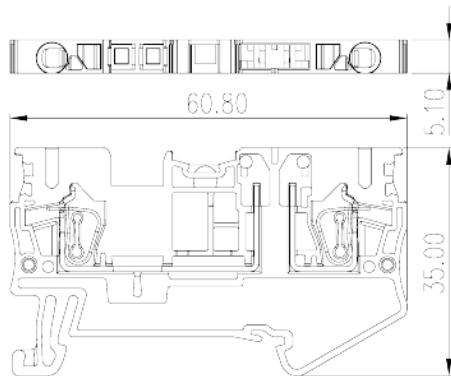
## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 16    |
| Wire Range (Group C)(AWG)  | 28~12 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 16    |
| Wire Range (Group D)(AWG)  | 28~12 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 5     |

## VDE Approval

|                               |         |
|-------------------------------|---------|
| Wire Range (mm <sup>2</sup> ) | 0.2~2.5 |
| Rated voltage (V)             | 400     |
| Rated current (A)             | 21      |

## Drawings



## Approvals

