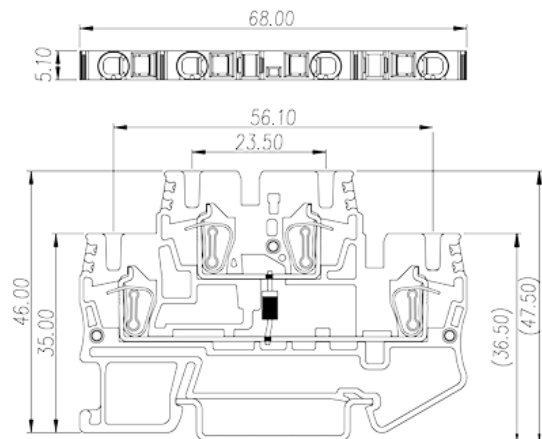
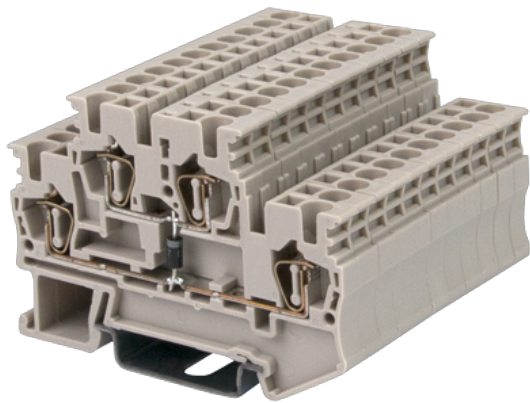


# AKK2.5-D01

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2026-05-25Version: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

250V, 0.5A, Beige (default)

## General information

|                   |   |
|-------------------|---|
| Short description | DIN Rail terminal blocks, Diode terminal blocks |
| Category          | Diode terminal blocks                           |
| Color             | Beige (default)                                 |
| Connection method | Spring Clamp Connection                         |
| Type of locking   | Rail Mounting                                   |
| Length (mm)       | 68  |
| Width (mm)        | 5.1   |
| Height (mm)       | 46  |
| Level             | Double 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)   | 250     |
| Rated current (A)   | 0.5     |
| Rated voltage (III/3)(V)  | 250     |
| 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> )   | 0.2     |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 4       |
| 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> ) | 0.5     |
| Slotted screwdriver size (Blade thickness x Width)(mm)  | 0.6x3.5 |
| Stripping Length (mm)   | 10      |
| Mounting rail   | TS-35   |
| End cover plate required  | YES     |
| Grounding connections   | NO      |

## Connection data-UL

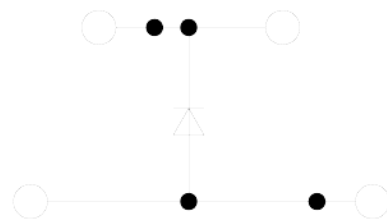
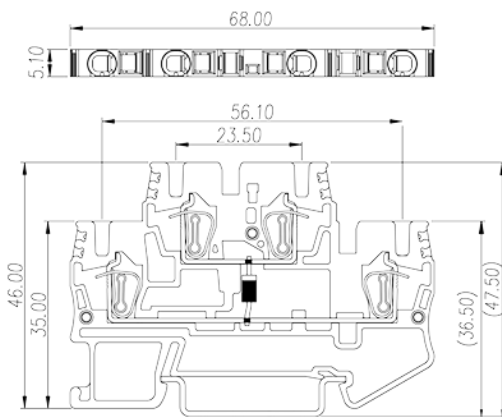
|   |     |
|---|-----|
| Rated voltage (UL/CUL Group B)(V)               | 250 |
| Rated current (UL/CUL Group B)(A)               | 0.5 |
| Rated voltage (UL/CUL Group C)(V)               | 250 |
| Rated current (UL/CUL Group C)(A)               | 0.5 |
| Min. solid wire connection (AWG) acc. to UL/CUL | 30  |
| Max. solid wire connection AWG acc. to UL/CUL   | 12  |

|  |    |
|--|----|
| Min. stranded wire connection AWG acc. to UL/CUL | 30 |
| 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

