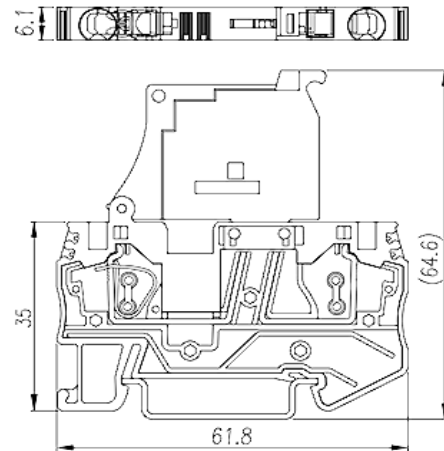
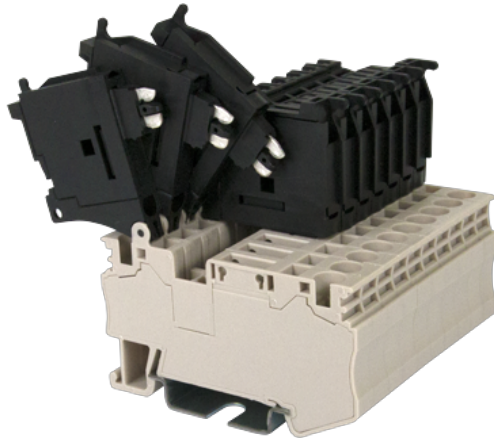


# AK4-TF

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2024-12-06Version: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

300V, 11A, Beige (default)

## General information

|                   |                                                |
|-------------------|------------------------------------------------|
| Short description | DIN Rail terminal blocks, Fuse terminal blocks |
| Category          | Fuse terminal blocks                           |
| Color             | Beige (default)                                |
| Connection method | Spring Clamp Connection                        |
| Type of locking   | Rail Mounting                                  |
| Length (mm)       | 61.8                                           |
| Width (mm)        | 61.8                                           |
| Height (mm)       | 63.1                                           |
| Level             | Single level                                   |
| Connection points | 2                                              |

## Material information

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

Insulation resistance

 $\geq 500M\Omega$  at DC 500V

## Connection data-IEC

|                                                                                                         |         |
|---------------------------------------------------------------------------------------------------------|---------|
| Rated impulse voltage (II/2)(KV)                                                                        | 6       |
| Rated impulse voltage (III/2)(KV)                                                                       | 6       |
| 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> )                                                    | 6       |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.2     |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 4       |
| 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> )            | 4       |
| 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> )               | 4       |
| 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      |
| Mounting rail                                                                                           | TS-35   |
| End cover plate required                                                                                | NO      |
| Grounding connections                                                                                   | NO      |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 11  |
| Rated voltage (UL/CUL Group C)(V)                | 300 |
| Rated current (UL/CUL Group C)(A)                | 11  |
| Rated voltage (UL/CUL Group D)(V)                | 600 |
| Rated current (UL/CUL Group D)(A)                | 10  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 28  |
| Max. solid wire connection AWG acc. to UL/CUL    | 10  |
| Min. stranded wire connection AWG acc. to UL/CUL | 28  |

|                                                  |    |
|--------------------------------------------------|----|
| Max. stranded wire connection AWG acc. to UL/CUL | 10 |
|--------------------------------------------------|----|

## 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

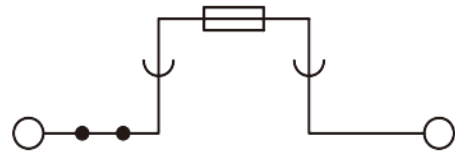
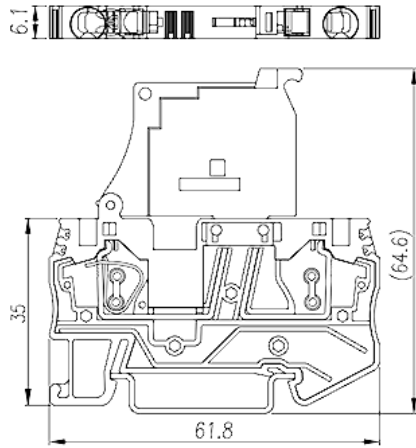
|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~10 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 11    |
| Wire Range (Group C)(AWG)  | 28~10 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 11    |
| Wire Range (Group D)(AWG)  | 28~10 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 10    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~10 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 11    |
| Wire Range (Group C)(AWG)  | 28~10 |
| Rated voltage (Group C)(V) | 300   |
| Rated current (Group C)(A) | 11    |
| Wire Range (Group D)(AWG)  | 28~10 |
| Rated voltage (Group D)(V) | 600   |
| Rated current (Group D)(A) | 10    |

## Drawings

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



## Approvals

