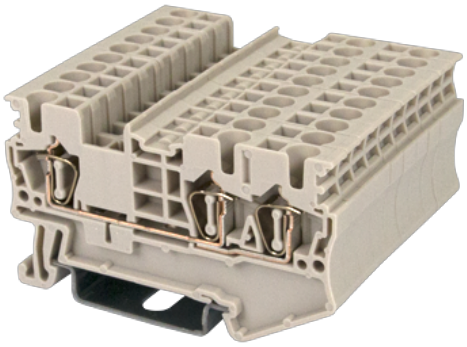
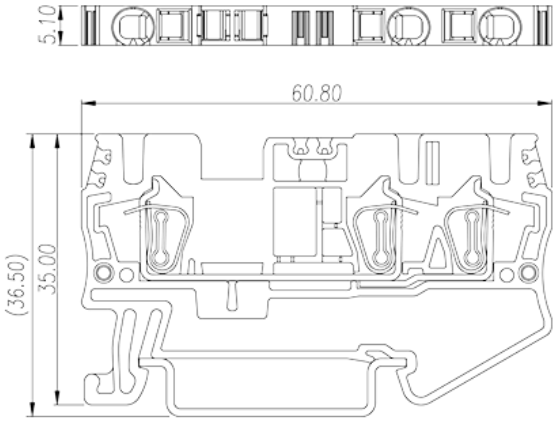
# AK2.5-TN

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2026-10-08Version:1.1



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## Product Description

600V, 20A, Beige (default)

## General information

| | |
|---|---|
| Short description | DIN Rail terminal blocks, Feed through terminal blocks |
| Category | Feed through terminal blocks |
| Color | Beige (default) |
| Connection method | Spring Clamp Connection |
| Type of locking | Rail Mounting |
| Length (mm) | 60.8 |
| Width (mm) | 5.1 |
| Height (mm) | 35 |
| Level | Single level |
| Connection points | 3 |

## Material information

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


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| | |
|---|---|
| Insulation resistance | ≧500MΩ at DC 500V |

## Connection data-IEC

| | |
|---|---|
| Rated voltage (V) | 800 |
| Rated current (A) | 24 |
| Rated voltage (III/3)(V) | 800 |
| 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) | 0.2 |
| Conductor cross section solid.max (mm²) | 4 |
| Conductor cross section stranded. min (mm²) | 0.2 |
| Conductor cross section stranded. max (mm²) | 2.5 |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) | 0.25 |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) | 2.5 |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) | 0.25 |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) | 2.5 |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) | 0.5 |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²) | 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) | 600 |
| Rated current (UL/CUL Group B)(A) | 20 |
| Rated voltage (UL/CUL Group C)(V) | 600 |
| Rated current (UL/CUL Group C)(A) | 20 |
| Min. solid wire connection (AWG) acc. to UL/CUL | 30 |
| Max. solid wire connection AWG acc. to UL/CUL | 12 |


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

## UL Recognized

| | |
|---|---|
| Wire Range (Group B)(AWG) | 30~12 |
| Rated voltage (Group B)(V) | 600 |
| Rated current (Group B)(A) | 20 |
| Wire Range (Group C)(AWG) | 30~12 |
| Rated voltage (Group C)(V) | 600 |
| Rated current (Group C)(A) | 20 |

## CUL Recognized

| | |
|---|---|
| Wire Range (Group B)(AWG) | 30~12 |
| Rated voltage (Group B)(V) | 600 |
| Rated current (Group B)(A) | 20 |
| Wire Range (Group C)(AWG) | 30~12 |
| Rated voltage (Group C)(V) | 600 |
| Rated current (Group C)(A) | 20 |

## VDE Approval

| | |
|---|---|
| Wire Range ($mm^2$) | 0.2~2.5 |
| Rated voltage (V) | 800 |
| Rated current (A) | 24 |

## Drawings


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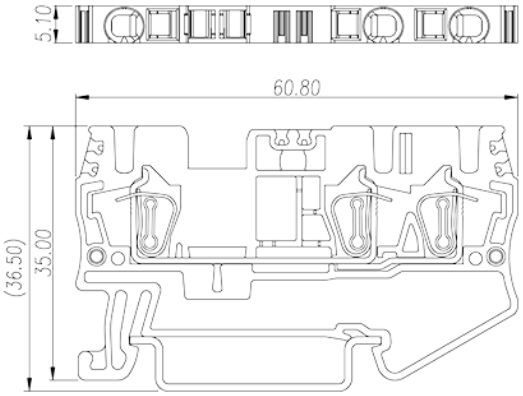

## Approvals


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