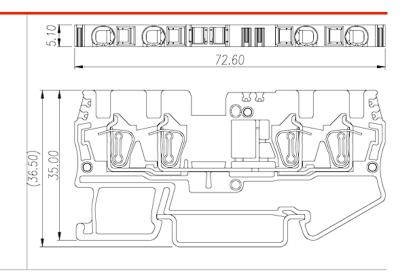


# AK2.5-TR

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2025-11-03Version: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**

600V, 18A, 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)	72.6
Width (mm)	5.1
Height (mm)	35
Level	Single level
Connection points	4

#### Material information

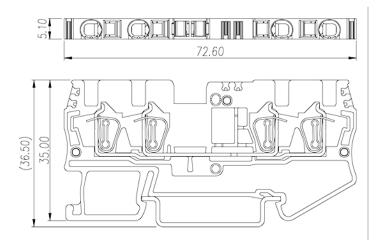
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

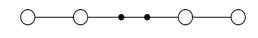


Insulation resistance	≥500MΩ at DC 500V		
Connection data-IEC			
Rated voltage (V)	800		
Rated current (A)	24		
Rated voltage (III/3)(V)	800		
Rated impulse voltage (III/3)(KV)	8		
Conductor cross section solid. min (mm²)	0.2		
Conductor cross section solid.max (mm²)	4		
Conductor cross section stranded. 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		
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)	18		
Rated voltage (UL/CUL Group C)(V)	600		
Rated current (UL/CUL Group C)(A)	18		
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
UL Recognized	
Wire Range (Group B)(AWG)	30~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	18
Wire Range (Group C)(AWG)	30~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	18
CUL Recognized  Wire Range (Group B)(AWG)	30~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	18
Wire Range (Group C)(AWG)	30~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	18
VDE Approval	
Wire Range (mm²)	0.2~2.5
Rated voltage (V)	800
	I .

## Drawings





## Approvals









