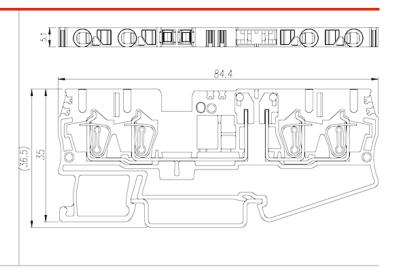


# AK2.5-TR-TG

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2025-10-24Version: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, 16A, Beige (default)

#### General information

Short description	DIN Rail terminal blocks, Disconnect terminal blocks
Category	Disconnect terminal blocks
Color	Beige (default)
Connection method	Spring Clamp Connection
Type of locking	Rail Mounting
Length (mm)	84.4
Width (mm)	5.1
Height (mm)	36.7
Level	Single level
Connection points	4

#### Material information

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



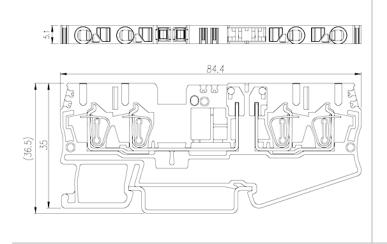
Insulation resistance	≥500MΩ at DC 500V		
Connection data-IEC			
Rated voltage (V)	400		
Rated current (A)	21		
Rated voltage (III/3)(V)	400		
Rated impulse voltage (II/2)(KV)	6		
Rated impulse voltage (III/2)(KV)	6		
Rated impulse voltage (III/3)(KV)	6		
Conductor cross section solid. min (mm²)	0.2		
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)	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)	600		
Rated current (UL/CUL Group D)(A)	5		

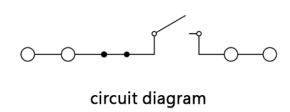
Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	28 12
Max. stranded wire connection AWG acc. to UL/CUL	
Environment & Safety	
Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40
JL 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 Ranget (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5
/DE Approval	
Wire Range (mm²)	0.2~2.5



Rated voltage (V)	400
Rated current (A)	21

## Drawings





## Approvals







