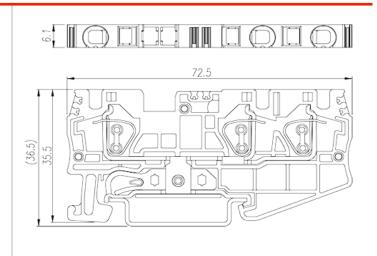


AK4-TN-PE

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

Green-Yellow (default)

General information

Short description	DIN Rail terminal blocks, Grounding terminal blocks
Category	Grounding terminal blocks
Color	Green-Yellow (default)
Connection method	Spring Clamp Connection
Type of locking	Rail Mounting
Length (mm)	72.5
Width (mm)	6.1
Height (mm)	35.5
Level	Single level
Connection points	3

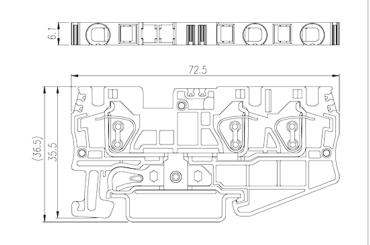
Material information

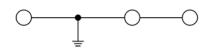
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

Insulation resistance	≥500MΩ at DC 500V		
Connection data-IEC			
Rated impulse voltage (III/3)(KV)	8		
Conductor cross section solid. min (mm²)	0.2		
Conductor cross section solid.max (mm²)	6		
Conductor cross section stranded. min (mm²)	0.2		
Conductor cross section stranded. max (mm²)	4		
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25		
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	4		
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25		
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	4		
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	YES		
Connection data-UL			
Rated voltage (UL/CUL Group B)(V)	600		
Rated voltage (UL/CUL Group C)(V)	600		
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)	600	
Wire Range (Group C)(AWG)	28~10	
Rated voltage (Group C)(V)	600	
CUL Recognized		
Wire Range (Group B)(AWG)	28~10	
Rated voltage (Group B)(V)	600	
Wire Range (Group C)(AWG)	28~10	
Rated voltage (Group C)(V)	600	
VDE Approval		
Wire Range (mm²)	0.2~4	
Rated voltage (V)	800	

Drawings





circuit diagram

Approvals









