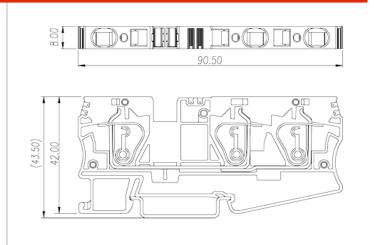


AK6-TN

DIN Rail Terminal Blocks > Spring Clamp Connection

Date:2025-10-22Version: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, 35A, 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)	90.5
Width (mm)	8
Height (mm)	42
Level	Single level
Connection points	3

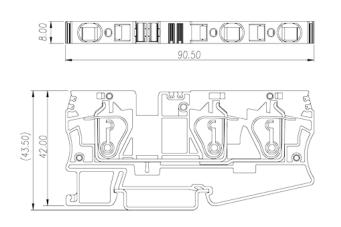
Material information

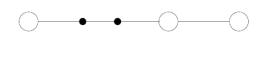
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0



Insulation resistance	≥500MΩ at DC 500V	
Connection data-IEC		
Rated voltage (V)	800	
Rated current (A)	41	
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)	0.5	
Conductor cross section solid.max (mm²)	10	
Conductor cross section stranded. min (mm²)	0.5	
Conductor cross section stranded. max (mm²)	6	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	6	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	6	
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)	1.5	
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4	
Stripping Length (mm)	12	
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)	35	
Rated voltage (UL/CUL Group C)(V)	600	
Rated current (UL/CUL Group C)(A)	35	
Min. solid wire connection (AWG) acc. to UL/CUL	24	
Max. solid wire connection AWG acc. to UL/CUL	8	

24
8
YES
YES
120
-40
24~8
600
35
24~8
600
35
24~8
600
35
24~8
600
35
0.5~6
800
000





Approvals







