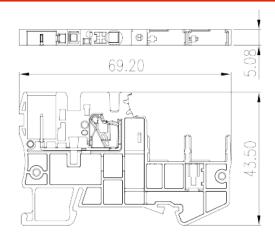


DP2.5SGT

DIN Rail Terminal Blocks > Push-in Design

Date:2025-11-04





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, 20A, Beige (default)

General information

Short description	Plug-in Connection Terminal Block, Push-in Design
Category	Plug-in Connection Terminal Block
Pitch (mm)	5.08
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	69.2
Width (mm)	5.08
Height (mm)	43.5
Number of positions	≥1P
Level	Single level
Connection points	1

Material information

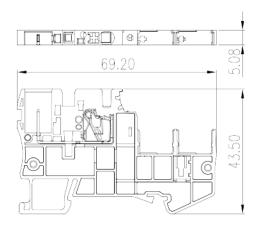
Insulation material	PA
Insulation material group	I



Flame retardant rating , compliant with UL94	VO
Insulation resistance	≥500MΩ at DC 500V
Connection data-IEC	
Rated voltage (V)	400
Rated current (A)	24
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	400
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)	0.14
Conductor cross section solid.max (mm²)	4
Conductor cross section stranded. min (mm²)	0.14
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)	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	26
Max. solid wire connection AWG acc. to UL/CUL	12

Min. stranded wire connection AWG acc. to UL/CUL	26	
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	
JL Recognized		
Wire Range (Group B)(AWG)	26~12	
Rated voltage (Group B)(V)	600	
Rated current (Group B)(A)	20	
Wire Range (Group C)(AWG)	26~12	
Rated voltage (Group C)(V)	600	
Rated current (Group C)(A)	20	
CUL Recognized		
Wire Range (Group B)(AWG)	26~12	
Rated voltage (Group B)(V)	600	
Rated current (Group B)(A)	20	
Wire Range (Group C)(AWG)	26~12	
Rated voltage (Group C)(V)	600	
Rated current (Group C)(A)	20	

Drawings





Approvals





