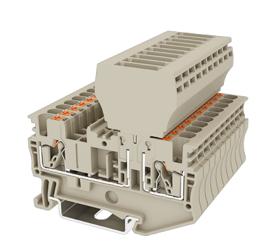
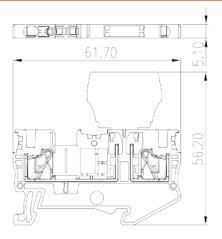


# DP2.5N-CP

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**

300V, 6A, Beige (default)

### General information

Short description	Disconnect Terminal Block, Push-in Design
Category	Disconnect Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	61.7
Width (mm)	5.1
Height (mm)	56.2
Number of positions	<u>≥</u> 1P
Level	Single level
Connection points	2

### 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)	400	
Rated current (A)	6	
Rated voltage (III/3)(V)	400	
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	
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)	6	
Rated voltage (UL/CUL Group C)(V)	300	
Rated current (UL/CUL Group C)(A)	6	
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

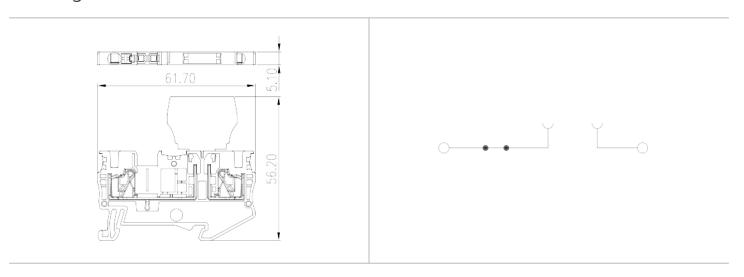
# **UL** Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	6
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	6

# **CUL** Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	6
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	6

# Drawings



# **Approvals**







