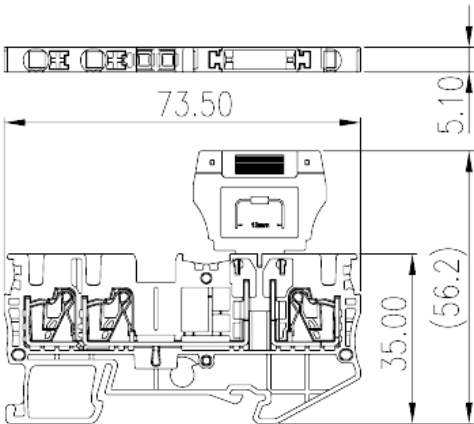
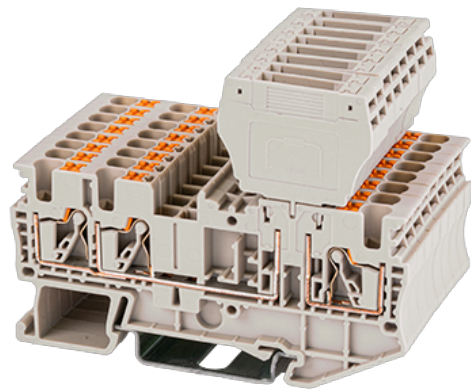


# DP2.5N-TN-CP

DIN Rail Terminal Blocks > Push-in Design

Date:2025-08-08



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	Refer to drawing
Connection method	Push-in Design
Length (mm)	73.5
Width (mm)	5.1
Height (mm)	56.2
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
Conductor material	COPPER ALLOY

Plating of conductor surface

Tin PLATED

## 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 (mm <sup>2</sup> )	0.2
Conductor cross section solid.max (mm <sup>2</sup> )	4
Conductor cross section stranded. min (mm <sup>2</sup> )	0.2
Conductor cross section stranded. max (mm <sup>2</sup> )	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
Philips screwdriver size	0.6x3.5
Stripping Length (mm)	10
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
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(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

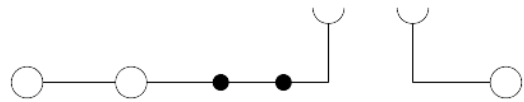
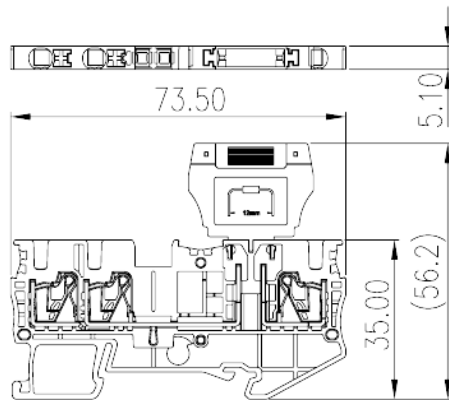
Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	6
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	6
Wire Range (Group D)(AWG)	26~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	6

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

## Drawings

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## Approvals

