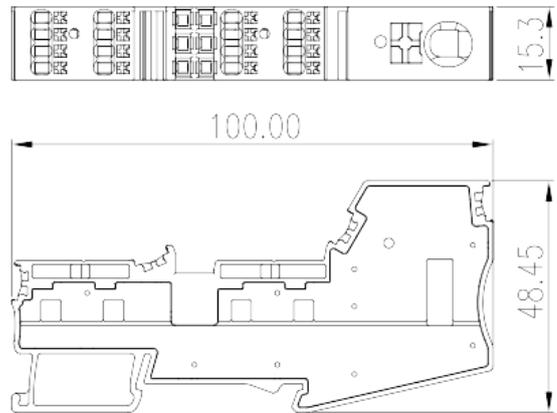
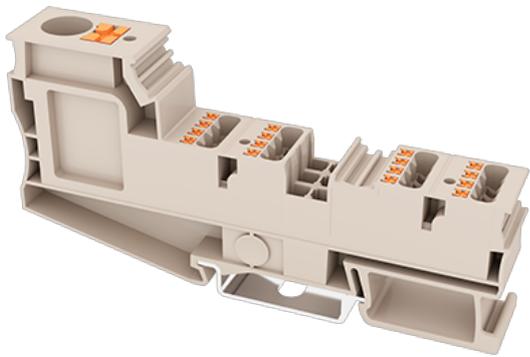


# DPD10-P001

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2026-04-30



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, 50A, Beige (default)

## General information

Short description	Potential collective Terminal Block, Screw Connection
Category	Potential collective Terminal Block
Pitch (mm)	15.3
Color	Beige (default)
Connection method	Screw Connection / Push-in Design
Type of locking	Rail Mounting
Length (mm)	100
Width (mm)	15.3
Height (mm)	48.5
Number of positions	≥1P
Level	Single level
Connection points	9

## 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 current (A)	Line Side: 57 / Load Side: 17.5
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm <sup>2</sup> )	Line Side: 0.5 / Load Side: 0.14
Conductor cross section solid.max (mm <sup>2</sup> )	Line Side: 16 / Load Side: 1.5
Conductor cross section stranded. min (mm <sup>2</sup> )	Line Side: 0.5 / Load Side: 0.14
Conductor cross section stranded. max (mm <sup>2</sup> )	Line Side: 10 / Load Side: 1.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	Line Side: 0.5 / Load Side: 0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	Line Side: 10 / Load Side: 1.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	Line Side: 0.5 / Load Side: 0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	Line Side: 10 / Load Side: 0.75
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	Line Side: 1.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	Line Side: 4
Slotted screwdriver size (Blade thickness x Width)(mm)	0.4x2.5&1x5.5
Stripping Length (mm)	Line Side: 17~18/ Load Side: 7~8
Mounting rail	TS-35
End cover plate required	NO
Grounding connections	NO

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	Line Side: 50 / Load Side: 10
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	Line Side: 50 / Load Side: 10
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	Line Side: 5 / Load Side: 5
Min. solid wire connection (AWG) acc. to UL/CUL	Line Side: 20 / Load Side: 26
Max. solid wire connection AWG acc. to UL/CUL	Line Side: 6 / Load Side: 14

Min. stranded wire connection AWG acc. to UL/CUL	Line Side: 20 / Load Side: 26
Max. stranded wire connection AWG acc. to UL/CUL	Line Side: 6 / Load Side: 14

## 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

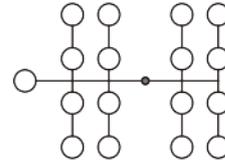
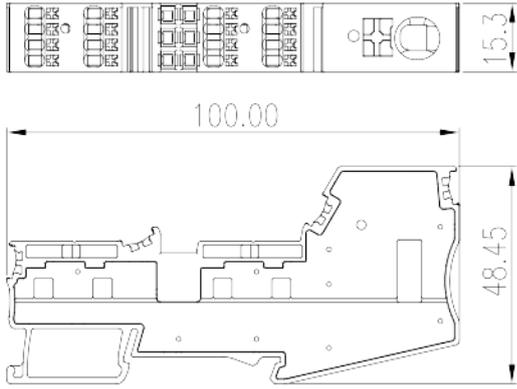
Wire Range (Group B)(AWG)	Line Side : 20~6 / Load Side: 26~14
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 50 / Load Side: 10
Wire Range (Group C)(AWG)	Line Side : 20~6 / Load Side: 26~14
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	Line Side : 50 / Load Side: 10
Wire Range (Group D)(AWG)	Line Side : 20~6 / Load Side: 26~14
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	Line Side : 5 / Load Side: 5

## CUL Recognized

Wire Range (Group B)(AWG)	Line Side : 20~6 / Load Side: 26~14
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 50 / Load Side: 10
Wire Range (Group C)(AWG)	Line Side : 20~6 / Load Side: 26~14
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	Line Side : 50 / Load Side: 10
Wire Ranget (Group D)(AWG)	Line Side : 20~6 / Load Side: 26~14
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	Line Side : 5 / Load Side: 5

## Drawings

--	--



## Approvals

