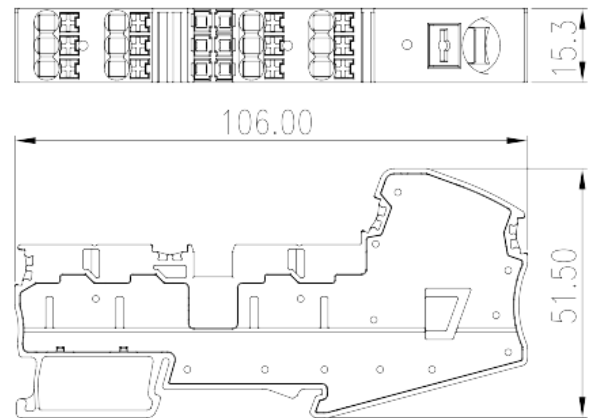
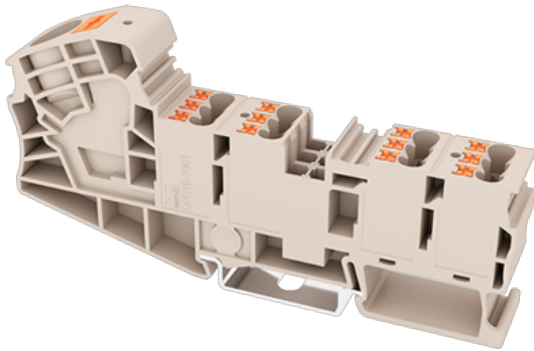


# DPD16-P001

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2025-08-03



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, 80A, Beige (default)

## General information

Short description	Potential collective Terminal Block, Push-in Design
Category	Potential collective Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Length (mm)	108
Width (mm)	15.3
Height (mm)	51.5
Level	Single level
Connection points	13

## 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: 76 / Load Side: 24
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	Line Side: 8 / Load Side: 6
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: 25 / Load Side: 4
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: 16 / Load Side: 2.5
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: 16 / Load Side: 2.5
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: 16 / Load Side: 2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	Line Side: 1.5 / Load Side: 0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	Line Side: 4 / Load Side: 0.5
Mounting rail	TS-35

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	80 ( Line ) 20 ( Load )
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	80 ( Line ) 20 ( Load )
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	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: 4 / Load Side: 12
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: 4 / Load Side: 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

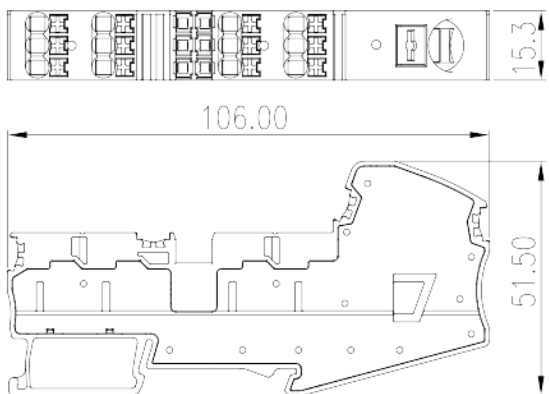
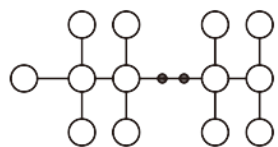
## UL Recognized

Wire Range (Group B)(AWG)	Line Side : 20~4 / Load Side: 26~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 80 / Load Side: 20
Wire Range (Group C)(AWG)	Line Side : 20~4 / Load Side: 26~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	Line Side : 80 / Load Side: 20




## CUL Recognized

Wire Range (Group B)(AWG)	Line Side : 20~4 / Load Side: 26~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 80 / Load Side: 20
Wire Range (Group C)(AWG)	Line Side : 20~4 / Load Side: 26~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	Line Side : 80 / Load Side: 20

## Drawings

	
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## Approvals

		
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