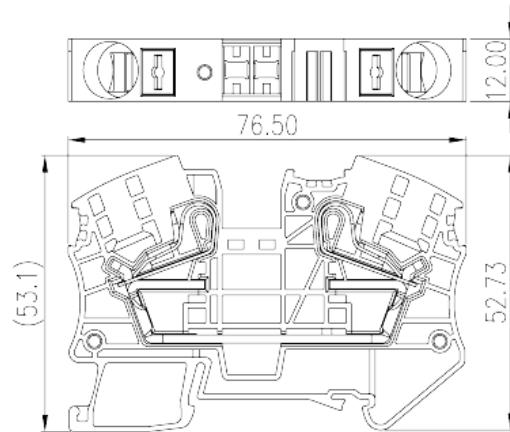
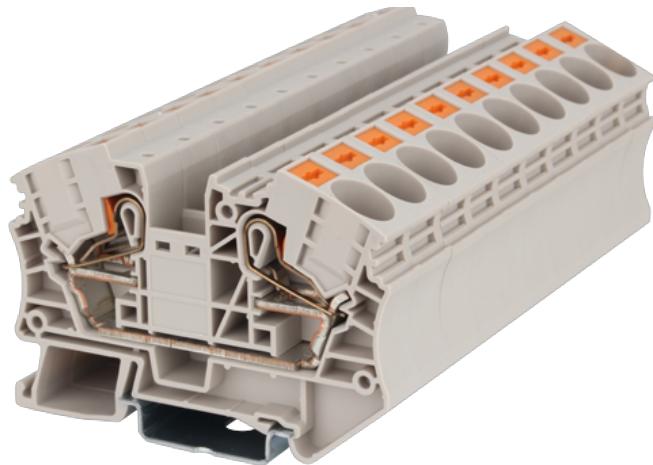


# DP16

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2026-01-29 Version:1.1



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, 82A, Beige (default)

## General information

Short description	Single level Feed-Through Terminal Block, Push-in Design
Category	Single level Feed Through Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	76.5
Width (mm)	12
Height (mm)	53.1
Number of positions	$\geq 1P$
Level	Single level
Connection points	2

## Material information

Insulation material	PA
Insulation material group	I

Flame retardant rating , compliant with UL94	V0
Insulation resistance	$\geq 500M\Omega$ at DC 500V

## Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	76
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm <sup>2</sup> )	0.5
Conductor cross section solid.max (mm <sup>2</sup> )	25
Conductor cross section stranded. min (mm <sup>2</sup> )	0.5
Conductor cross section stranded. max (mm <sup>2</sup> )	16
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	16
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	16
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	1.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	4
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Stripping Length (mm)	18
Mounting rail	TS-35、TS-35/15
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)	82
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	82
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	4
Min. stranded wire connection AWG acc. to UL/CUL	20

Max. stranded wire connection AWG acc. to UL/CUL

4

## 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

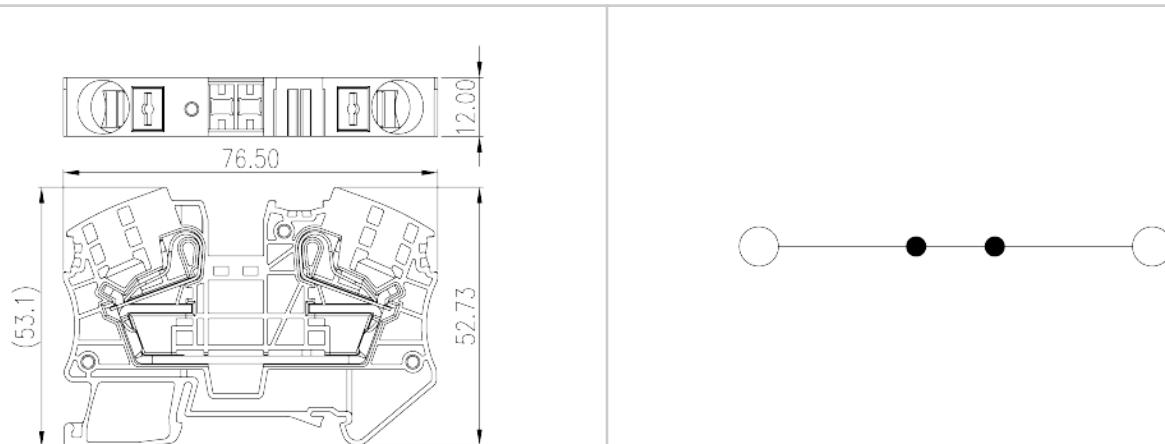
## UL Recognized

Wire Range (Group B)(AWG)	20~4
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	82
Wire Range (Group C)(AWG)	20~4
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	82

## CUL Recognized

Wire Range (Group B)(AWG)	20~4
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	82
Wire Range (Group C)(AWG)	20~4
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	82

## Drawings



## Approvals

---

