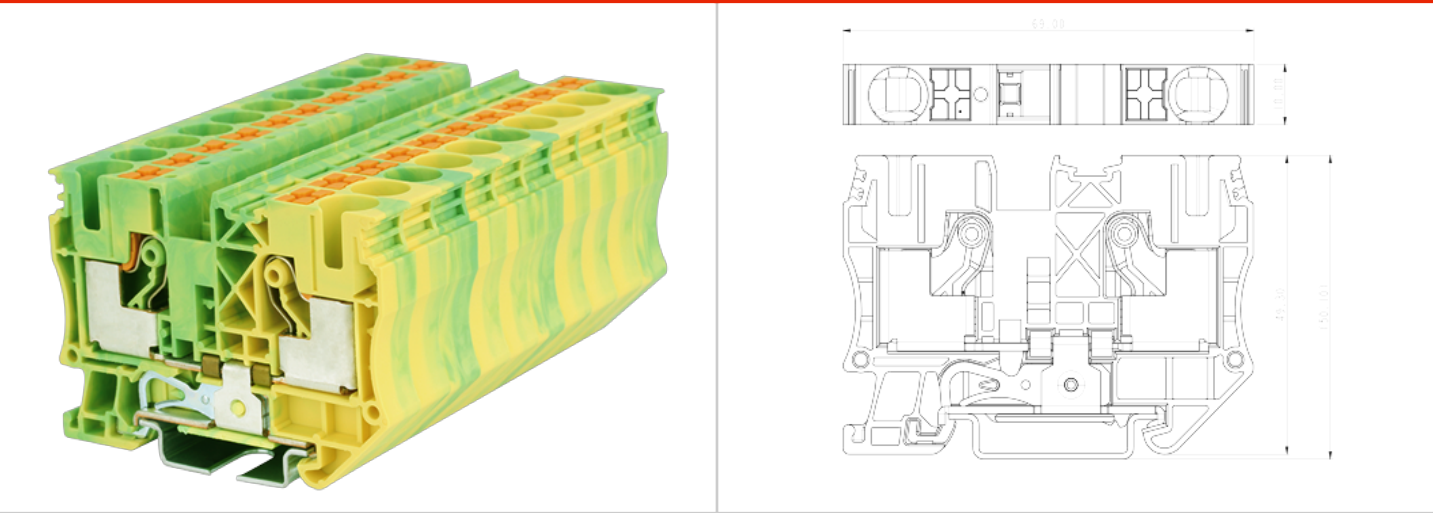


# DP10-PE

DIN Rail Terminal Blocks > Push-in Design

Date:2024-05-12Version: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, Green-Yellow (default)

## General information

Short description	Grounding Terminal Block, Push-in Design
Category	Grounding Terminal Blocks
Color	Green-Yellow (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	69
Width (mm)	10
Height (mm)	49.3
Number of positions	≥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	$\geq 500\text{M}\Omega$ at DC 500V
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## Connection data-IEC

Rated voltage (V)	1000
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> )	16
Conductor cross section stranded. min (mm <sup>2</sup> )	0.5
Conductor cross section stranded. max (mm <sup>2</sup> )	10
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> )	10
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> )	10
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
End cover plate required	YES
Grounding connections	YES

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated voltage (UL/CUL Group C)(V)	600
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	6
Min. stranded wire connection AWG acc. to UL/CUL	20
Max. stranded wire connection AWG acc. to UL/CUL	6

## Environment & Safety

Back of the hand protection (YES or NO)	YES
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Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

## UL Recognized

Wire Range (Group B)(AWG)	20~6
Rated voltage (Group B)(V)	600
Wire Range (Group C)(AWG)	20~6
Rated voltage (Group C)(V)	600

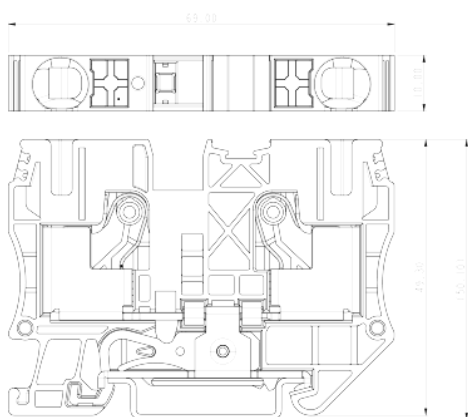
## CUL Recognized

Wire Range (Group B)(AWG)	20~6
Rated voltage (Group B)(V)	600
Wire Range (Group C)(AWG)	20~6
Rated voltage (Group C)(V)	600

## VDE Approval

Wire Range (mm <sup>2</sup> )	0.5~10
Rated voltage (V)	1000

## Drawings



## Approvals

