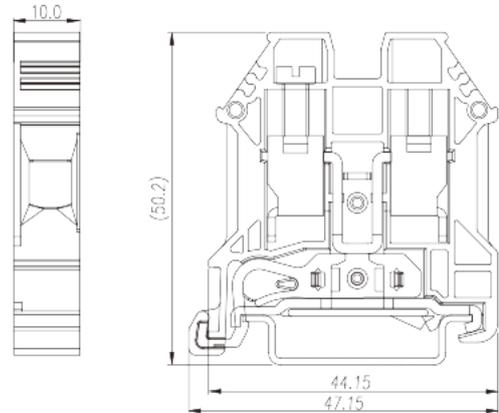


# DK10N-PE

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2024-12-05Version:1.2



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

M4, Green-Yellow (default)

## General information

Short description	DIN rail terminal blocks, Grounding terminal blocks
Category	Grounding terminal blocks
Color	Green-Yellow (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	47.2
Width (mm)	10
Height (mm)	48.8
Level	Single level
Connection points	2

## 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 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, solid, min (mm <sup>2</sup> )	0.25
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	6
2 conductors with same cross section, stranded, min (mm <sup>2</sup> )	0.25
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	6
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	4
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> )	6
Screw thread	M4
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Philips screwdriver size	PH1
Rated torque (N.m)	1.4
Stripping Length (mm)	12~14
Mounting rail	TS-35
End cover plate required	YES
Grounding connections	YES

## Connection data-UL

Min. solid wire connection (AWG) acc. to UL/CUL	20
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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
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
Wire Range (Group C)(AWG)	20~6

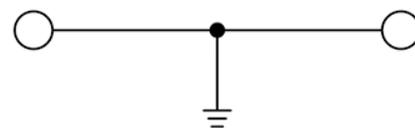
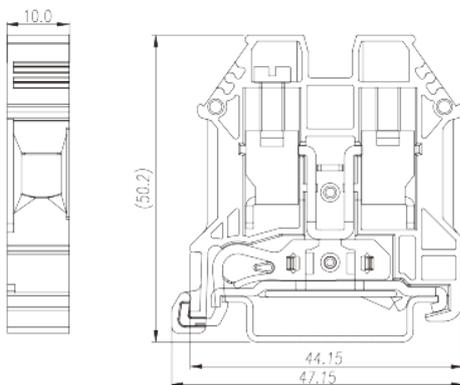
## CUL Recognized

Wire Range (Group B)(AWG)	20~6
Wire Range (Group C)(AWG)	20~6

## VDE Approval

Wire Range (mm <sup>2</sup> )	0.5~10
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## Drawings



circuit diagram

## Approvals

