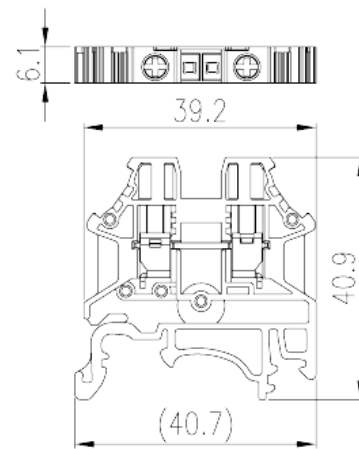
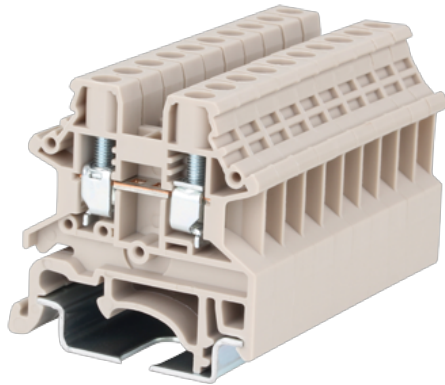


# DK4N

DIN Rail Terminal Blocks > Screw Connection

Date:2025-06-20Version: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

M3, 600V, 30A, Beige (default)

## General information

Short description	Single Level Feed-through Terminal Block, Screw Connection
Category	Single Level Feed-through Terminal Block
Color	Beige (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	40.7
Width (mm)	6.1
Height (mm)	40.9
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	□500MΩ at DC 500V

## Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	32
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm <sup>2</sup> )	0.34
Conductor cross section solid.max (mm <sup>2</sup> )	6
Conductor cross section stranded. min (mm <sup>2</sup> )	0.34
Conductor cross section stranded. max (mm <sup>2</sup> )	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.34
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	4
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.34
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	2.5
2 conductors with same cross section, solid, min (mm <sup>2</sup> )	0.34
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	2.5
2 conductors with same cross section, stranded, min (mm <sup>2</sup> )	0.34
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	1.5
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> )	1
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> )	2.5
Screw thread	M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Philips screwdriver size	PH0
Recommend tightening torque. min (N.m)	0.5
Recommend tightening torque. max (N.m)	0.6

Stripping Length (mm)	9~11
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)	30
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	30
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	22
Max. solid wire connection AWG acc. to UL/CUL	10
Min. stranded wire connection AWG acc. to UL/CUL	22
Max. stranded wire connection AWG acc. to UL/CUL	10

## 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)	22~10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	30
Wire Range (Group C)(AWG)	22~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	30
Wire Range (Group D)(AWG)	22~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## CUL Recognized

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Wire Range (Group B)(AWG)	22~10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	30
Wire Range (Group C)(AWG)	22~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	30
Wire Range (Group D)(AWG)	22~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

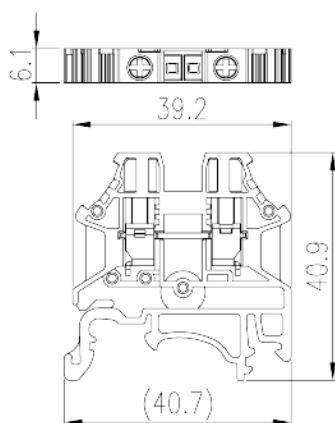
## VDE Approval

Wire Range (mm <sup>2</sup> )	0.34~4
Rated voltage (V)	1000
Rated current (A)	32

## Explosion - proof Approvals

Wire Range (mm <sup>2</sup> )	0.34~4.0
Rated voltage (V)	630
Rated current (A)	32

## Drawings



## Approvals

