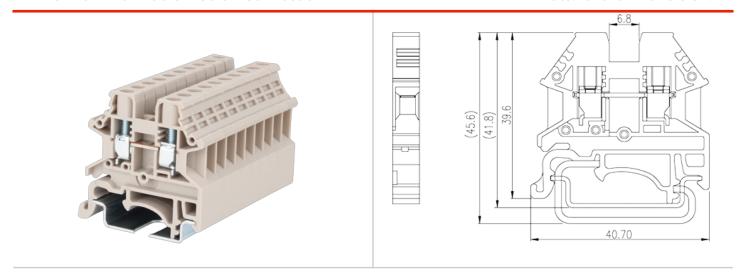


# DK4N

DIN Rail Terminal Blocks > Screw Connection

Date:2023-01-26Version: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	DIN rail terminal blocks, Feed through terminal blocks
Category	Feed through terminal blocks
Color	Beige (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	40.7
Width (mm)	6.1
Height (mm)	39.6
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)	800	
Rated current (A)	32	
Rated voltage (III/3)(V)	800	
Rated impulse voltage (II/2)(KV)	8	
Rated impulse voltage (III/2)(KV)	8	
Rated impulse voltage (III/3)(KV)	8	
Conductor cross section solid. min (mm²)	0.34	
Conductor cross section solid.max (mm²)	4	
Conductor cross section stranded. min (mm²)	0.34	
Conductor cross section stranded. max (mm²)	4	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.34	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	4	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.34	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	4	
2 conductors with same cross section, solid, min (mm²)	0.34	
2 conductors with same cross section, solid, max (mm²)	2.5	
2 conductors with same cross section, stranded, min (mm²)	0.34	
2 conductors with same cross section, stranded, max (mm²)	2.5	
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5	
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5	
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5	
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	2.5	
Screw thread	M3	
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5	
Philips screwdriver size	PH0	
Rated torque (N.m)	0.6	

Stripping Length (mm)	9~11
Mounting rail	TS-35
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

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**CUL** 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 Ranget (Group D)(AWG)	22~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

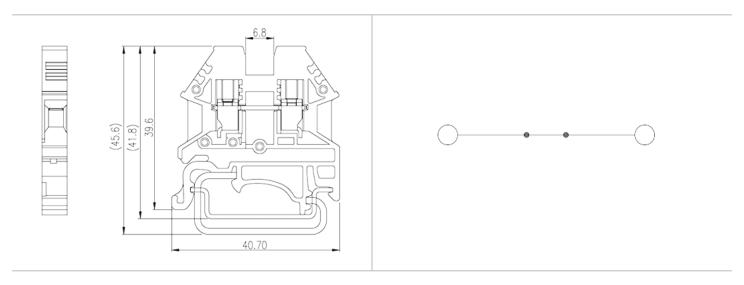
### **VDE** Approval

Wire Range (mm²)	0.34~4
Rated voltage (V)	800
Rated current (A)	32

# Explosion - proof Approvals

Wire Range (mm²)	0.34~4.0
Rated voltage (V)	800
Rated current (A)	32

# Drawings



# Approvals











