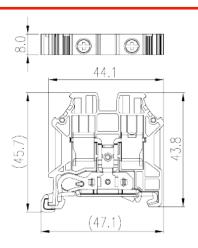


# DK6N-PE

DIN Rail Terminal Blocks > Screw Connection

Date:2025-11-03Version: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	Grounding Terminal Block, Screw Connection
Category	Grounding terminal blocks
Color	Green-Yellow (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	47.1
Width (mm)	8
Height (mm)	45.7
Number of positions	□1P
Level	Single level
Connection points	2

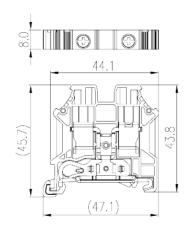
#### Material information

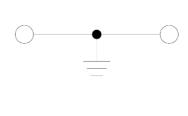
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0



Insulation resistance	□500MΩ at DC 500V
Connection data-IEC	
Rated voltage (V)	1000
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	10
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	6
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	6
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	4
2 conductors with same cross section, solid, min (mm²)	0.2
2 conductors with same cross section, solid, max (mm²)	6
2 conductors with same cross section, stranded, min (mm²)	0.2
2 conductors with same cross section, stranded, max (mm²)	4
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	4
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)	4
Screw thread	M4
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4.0
Philips screwdriver size	PH2
Rated torque (N.m)	1.2
Stripping Length (mm)	14~16
Mounting rail	TS-35/ TS-35/15
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	8
Min. stranded wire connection AWG acc. to UL/CUL	20
Max. stranded wire connection AWG acc. to UL/CUL	8
Environment & Safety	
Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	110
Operating temperature. min (°C)	-40
UL Recognized	
Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	600
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	600
Trated voltage (Group G)(V)	600
CUL Recognized	600
	20~8
CUL Recognized	
CUL Recognized Wire Range (Group B)(AWG)	20~8
CUL Recognized  Wire Range (Group B)(AWG)  Rated voltage (Group B)(V)	20~8 600
CUL Recognized  Wire Range (Group B)(AWG)  Rated voltage (Group B)(V)  Wire Range (Group C)(AWG)	20~8 600 20~8
CUL Recognized  Wire Range (Group B)(AWG)  Rated voltage (Group B)(V)  Wire Range (Group C)(AWG)  Rated voltage (Group C)(V)	20~8 600 20~8





## Approvals







