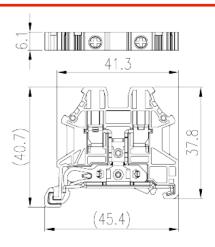


DK4N-PE

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

M3, 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)	45.4
Width (mm)	6.1
Height (mm)	40.7
Number of positions	□1P
Level	Single level
Connection points	2

Material information

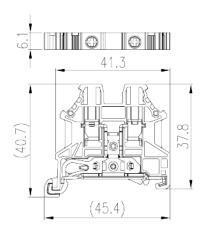
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

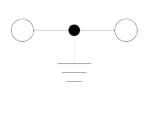


Insulation resistance	\square 500M Ω at DC 500V	
Connection data-IEC		
Rated voltage (V)	1000	
Rated voltage (III/3)(V)	1000	
Rated impulse voltage (III/3)(KV)	8	
Conductor cross section solid. min (mm²)	0.14	
Conductor cross section solid.max (mm²)	6	
Conductor cross section stranded. min (mm²)	0.14	
Conductor cross section stranded. max (mm²)	4	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	4	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	2.5	
2 conductors with same cross section, solid, min (mm²)	0.14	
2 conductors with same cross section, solid, max (mm²)	2.5	
2 conductors with same cross section, stranded, min (mm²)	0.14	
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)	0.25	
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	1	
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	PH1	
Recommend tightening torque. min (N.m)	0.5	
Recommend tightening torque. max (N.m)	0.6	
Stripping Length (mm)	8~10	
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	28	
Max. solid wire connection AWG acc. to UL/CUL	10	
Min. stranded wire connection AWG acc. to UL/CUL	28	
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	
JL Recognized		
Wire Range (Group B)(AWG)	28~10	
Rated voltage (Group B)(V)	600	
Wire Range (Group C)(AWG)	28~10	
Rated voltage (Group C)(V)	600	
CUL Recognized		
Wire Range (Group B)(AWG)	28~10	
Rated voltage (Group B)(V)	600	
Wire Range (Group C)(AWG)	28~10	
Rated voltage (Group C)(V)	600	
VDE Approval		
Wire Range (mm²)	0.14~4	

Drawings





Approvals







