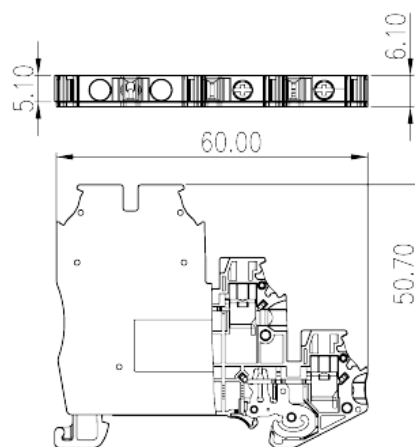


# DK1.5SGF-PE

DIN Rail Terminal Blocks > Screw Connection

Date:2025-08-16



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

M2.5, 300V, 15A, Green-Yellow (default)

## General information

Short description	Sensor Terminal Block, Screw Connection
Category	Sensor Terminal Block
Color	Beige (default)
Length (mm)	60.4
Width (mm)	5.1
Height (mm)	50.7
Number of positions	□1P
Level	Double 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)	250
Rated voltage (III/3)(V)	250
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm <sup>2</sup> )	0.2
Conductor cross section solid.max (mm <sup>2</sup> )	2.5
Conductor cross section stranded. min (mm <sup>2</sup> )	0.2
Conductor cross section stranded. max (mm <sup>2</sup> )	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.25
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> )	0.2
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	1
2 conductors with same cross section, stranded, min (mm <sup>2</sup> )	0.2
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	0.75
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> )	1
Screw thread	M2.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Philips screwdriver size	PH0
Recommend tightening torque. min (N.m)	0.4
Recommend tightening torque. max (N.m)	0.45
Stripping Length (mm)	8~9
Mounting rail	TS-35
End cover plate required	YES
Grounding connections	YES

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated voltage (UL/CUL Group C)(V)	300
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	14

## 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

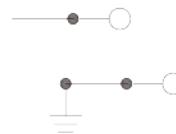
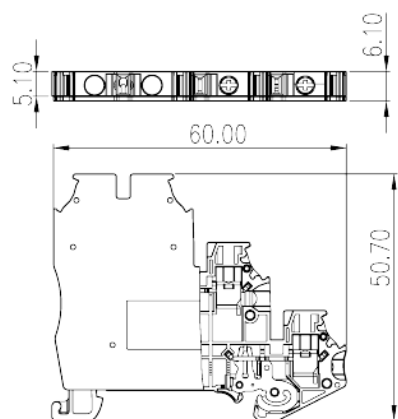
Wire Range (Group B)(AWG)	24~14
Rated voltage (Group B)(V)	300
Wire Range (Group C)(AWG)	24~14
Rated voltage (Group C)(V)	300

## CUL Recognized

Wire Range (Group B)(AWG)	24~14
Rated voltage (Group B)(V)	300
Wire Range (Group C)(AWG)	24~14
Rated voltage (Group C)(V)	300

## Drawings

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## Approvals

