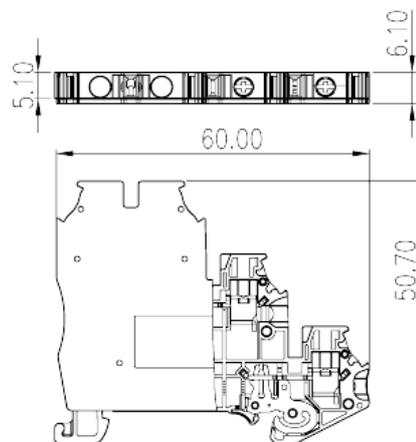


DK1.5SGF-PE

DIN Rail Terminal Blocks > Screw Connection

Date:2024-12-05



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 ²)	0.2
Conductor cross section solid.max (mm ²)	2.5
Conductor cross section stranded. min (mm ²)	0.2
Conductor cross section stranded. max (mm ²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	2.5
2 conductors with same cross section, solid, min (mm ²)	0.2
2 conductors with same cross section, solid, max (mm ²)	1
2 conductors with same cross section, stranded, min (mm ²)	0.2
2 conductors with same cross section, stranded, max (mm ²)	0.75
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm ²)	1
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm ²)	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

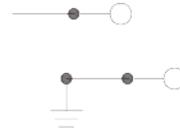
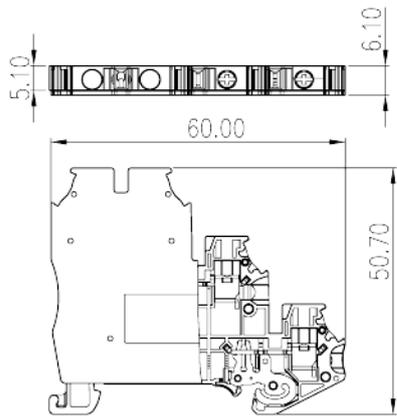
Wire Range (Group B)(AWG)	24~14
Rated voltage (Group B)(V)	300
Wire Range (Group C)(AWG)	24~14
Rated voltage (Group C)(V)	300

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

