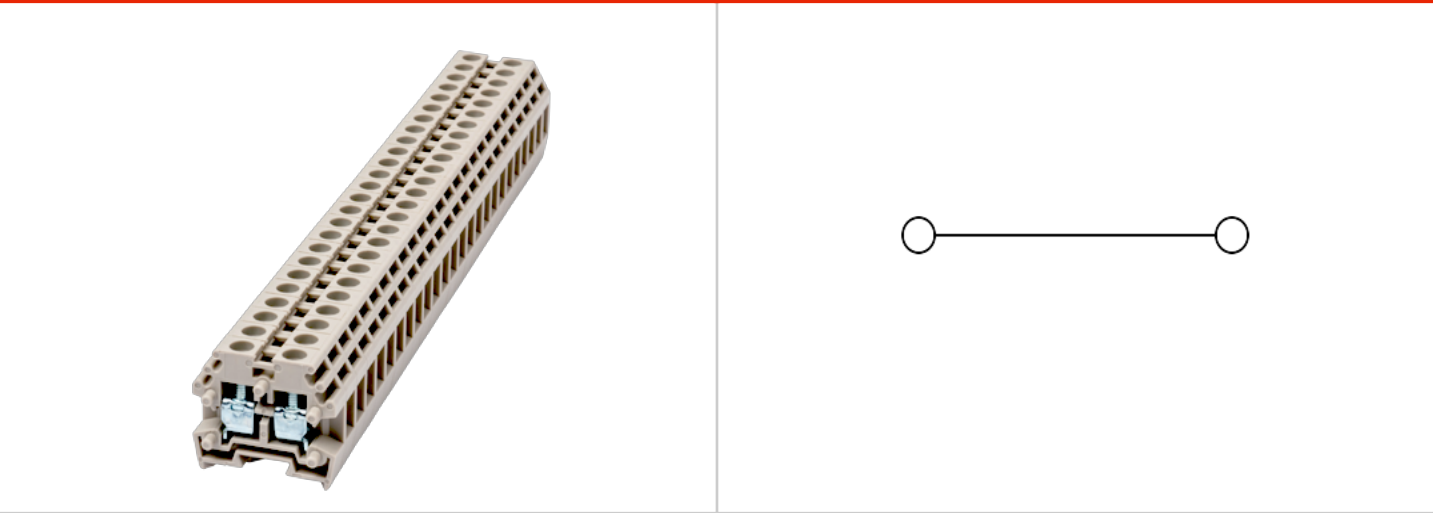


PM2.5N

DIN Rail Terminal Blocks > Screw Connection

Date:2025-08-03Version: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

M2.5, 300V, 20A, Beige (default)

General information

Short description	DIN rail terminal blocks, Panel mounting terminal blocks
Category	Panel mounting terminal blocks
Color	Beige (default)
Connection method	Screw connection
Type of locking	Panel mounting
Length (mm)	5.1
Width (mm)	22
Height (mm)	20
Number of positions	01P~15P
Level	Single level
Connection points	2

Material information

Insulation material	PA
Insulation material group	I

Flame retardant rating , compliant with UL94	V0
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Connection data-IEC

Rated voltage (V)	500
Rated current (A)	24
Rated voltage (III/3)(V)	500
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm ²)	0.34
Conductor cross section solid.max (mm ²)	4
Conductor cross section stranded. min (mm ²)	0.34
Conductor cross section stranded. max (mm ²)	2.5
Screw thread	M2.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Philips screwdriver size	PH1
Rated torque (N.m)	0.39
Stripping Length (mm)	6~8
End cover plate required	YES
Grounding connections	NO

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	20
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	20
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	12
Min. stranded wire connection AWG acc. to UL/CUL	22
Max. stranded wire connection AWG acc. to UL/CUL	12

Environment & Safety

Back of the hand protection (YES or NO)	YES
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Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

Wire Range (Group B)(AWG)	22~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	22~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

CUL Recognized

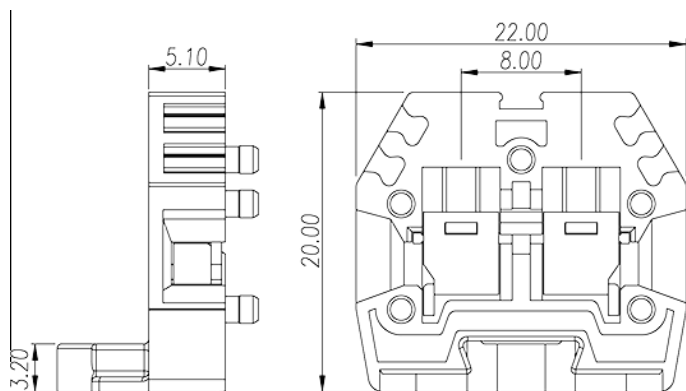
Wire Range (Group B)(AWG)	22~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	22~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

VDE Approval

Wire Range (mm ²)	0.34~2.5
Rated voltage (V)	500
Rated current (A)	24

Drawings

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Approvals

