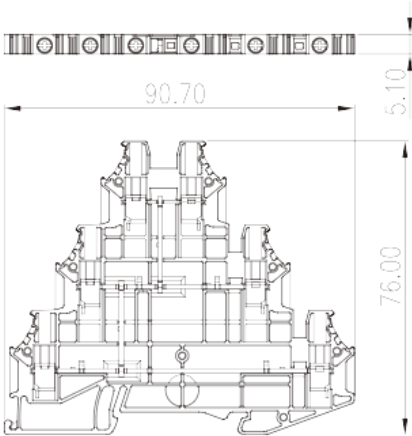
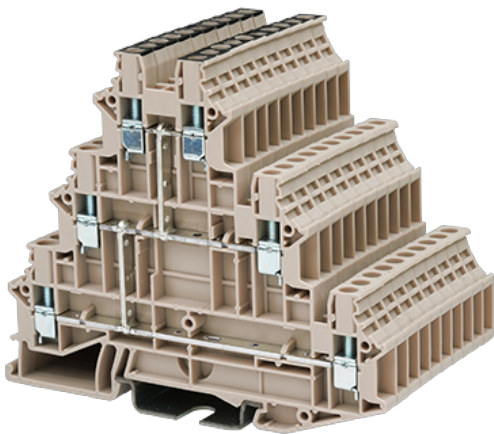


DK2.5N-3L-PV

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

600V, 20A, Beige (default)

General information

Short description	Three level Feed-Through Terminal Block, Screw Connection
Category	Three level Feed Through Terminal Block
Color	Beige (default)
Connection method	Screw Connection
Type of locking	Rail Mounting
Length (mm)	90.7
Width (mm)	5.1
Height (mm)	76/77.3 (TS-35N) /84.8 (TS-35/15N)
Level	Three level
Connection points	6

Material information

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

Insulation resistance

 $\geq 500\text{M}\Omega$ at DC 500V

Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	24
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
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
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
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)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	2.5
2 conductors with same cross section, solid, min (mm ²)	0.34
2 conductors with same cross section, solid, max (mm ²)	1.5
2 conductors with same cross section, stranded, min (mm ²)	0.5
2 conductors with same cross section, stranded, max (mm ²)	1.5
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)	1.5
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)	1.5
Screw thread	M2.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Rated torque (N.m)	0.4
Recommend tightening torque. min (N.m)	0.4
Recommend tightening torque. max (N.m)	0.5
Stripping Length (mm)	10

Mounting rail	TS-35N、TS-35/15N
End cover plate required	YES
Grounding connections	NO

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	20
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	20
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	20
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
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

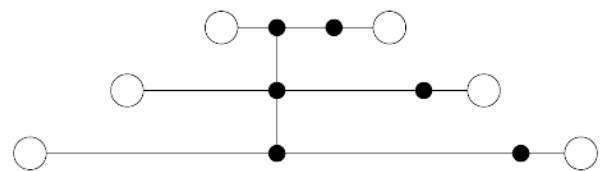
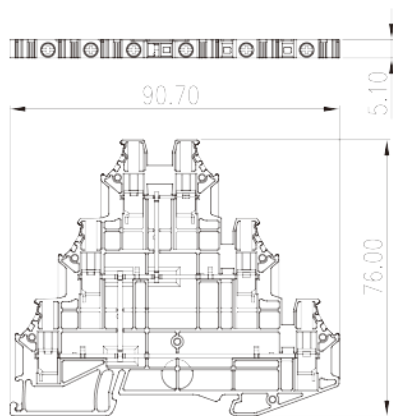
Wire Range (Group B)(AWG)	22~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	22~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	20

CUL Recognized

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

Drawings



Approvals

