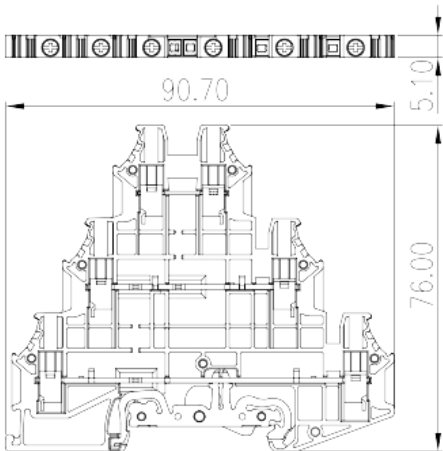
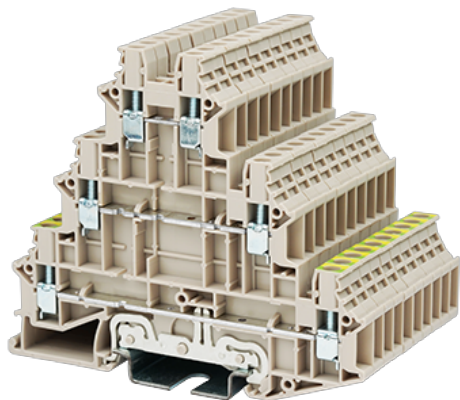


DK2.5N-3L-L3PE

DIN Rail Terminal Blocks > Screw Connection

Date:2026-06-18



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, 600V, 20A

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
Length (mm)	90.7
Width (mm)	5.1
Height (mm)	76
Level	Three level
Connection points	6

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)	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
Philips screwdriver size	0.6x3.5
Recommend tightening torque. min (N.m)	0.4
Recommend tightening torque. max (N.m)	0.5
End cover plate required	YES
Grounding connections	YES

Connection data-UL

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Rated voltage (UL/CUL Group B)(V)	20 (Upper Levels)
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	20 (Upper Levels)
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	5 (Upper Levels)
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

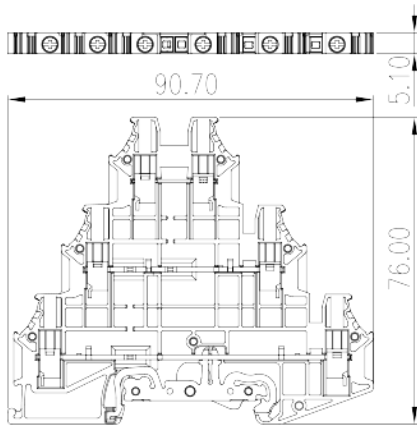
Wire Range (Group B)(AWG)	22~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	22~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

CUL 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 Ranget (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

Drawings



Approvals



Accessories



DKNSPS-001-OR

Partition Plate

For DK2.5N, DK4N, DK2.5N-TN, DK4N-TN, DK2.5N-TR, DK4N-TR, DK2.5N-3L Series, DKK2.5N Series, DKK4N Series, DK2.5L-3L, DK2.5LU-3L. Orange color. Using UL94-V0 class of insulation material.



DSS2.5N-XXP

Plug-in bridge

For DK2.5N, DK2.5N-TN, DK2.5N-TR, DKK2.5N, DKK2.5N-PV, DK2.5L-3L, DKES1.5N2, DKES1.5N3, DKK2.5N-L2PE, DKK2.5N-PE, DKK2.5N-TP, DKK2.5N-TG, DKK2.5N-CP, DK2.5N-3L Series Red color. Using UL94-V0 class of insulation material.



CSC-2.5XXPN

Insertion Bridge

For DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series, DK2.5L-3L. Beige color.
Using UL94-V0 class of insulation material.



TM47LW

Marking Label

For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series
AVAILABLE APPLICATION : DKES1.5, DK2.5-PE White color. Using UL94-V0 class of insulation material.



DSS2.5N-6688-XXP

Plug-in bridge

For DK2.5N, DK2.5N-TN, DKK2.5N Series, DK2.5N-3L Series, DK2.5L-3L. Red color.
Using UL94-V0 class of insulation material.



TS-35

DIN-Rail

For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.



TS-35/15N

DIN-Rail

For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.



TS-35N

DIN-Rail

For DP / DP-PE / DK / DK-PE / AK / AK-PE / AK..P series. Material is iron. Length of 1000mm / 2000mm.



TS-35/15

DIN-Rail

For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.

TS-35C

	DIN rail end cap For TS-35 rail. Black color. Using UL94-V2 class of insulation material.
	TM-R200 Continuous Flat Marking Labels
	0175L1 Lever For DK2.5N, DK2.5N-TN, DK2.5N-TR, DKK2.5N, DK2.5N-3L, DKK2.5N-PV, DKK2.5N-L2PE, DK2.5N-3L-L3PE, DK2.5N-3L-PE, DK2.5N-3L-PV, DKK2.5N-D01, DKK2.5N-D02, DKK2.5N-D03, DKK2.5N-D04. Orange color. Using UL94-V0 class of insulation material.
	DSD02-2.5XXXT Plug-in bridge For DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series Red color. Using UL94-V0 class of insulation material.
	DK2.5NC-3L End cover For DK2.5N-3L, DK2.5N-3L-L3PE, DK2.5N-3L-PV Beige color. Using UL94-V0 class of insulation material.
	0175-T002 Test plug For DK2.5N, DK2.5N-TN, DK2.5N-TR, DKK2.5N, DK2.5N-3L, DKK2.5N-PV, DKK2.5N-L2PE, DK2.5N-3L-L3PE, DK2.5N-3L-PE, DK2.5N-3L-PV. Red color. Using UL94-V0 class of insulation material.