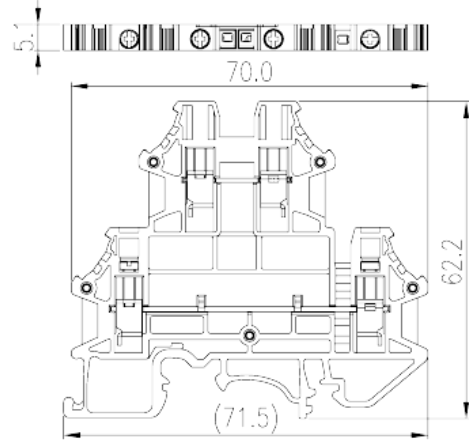
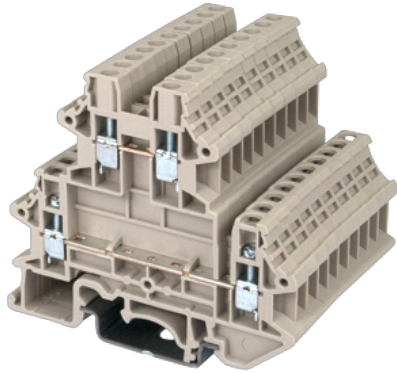


# DKK2.5N

DIN Rail Terminal Blocks &gt; Screw Connection

Date:2026-06-18Version: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, 600V, 20A, Beige (default)

## General information

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Short description   | Bi-level Feed-through Terminal Block, Screw Connection |
| Category            | Bi level feed through terminal blocks                  |
| Color               | Beige (default)                                        |
| Connection method   | Screw connection                                       |
| Type of locking     | Rail mounting                                          |
| Length (mm)         | 71.5                                                   |
| Width (mm)          | 5.1                                                    |
| Height (mm)         | 62.2                                                   |
| Number of positions | □1P                                                    |
| Level               | Double level                                           |
| Connection points   | 4                                                      |

## 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)                                                                                         | 800     |
| Rated current (A)                                                                                         | 24      |
| Rated voltage (III/3)(V)                                                                                  | 800     |
| Rated impulse voltage (III/3)(KV)                                                                         | 8       |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 0.34    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 4       |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 0.34    |
| 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> )              | 0.34    |
| 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> )                 | 0.34    |
| 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> )                                       | 0.34    |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 1.5     |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.34    |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 1.5     |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.34    |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 1.5     |
| 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> )   | 1.5     |
| Screw thread                                                                                              | M2.5    |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 0.4x2.5 |
| Philips screwdriver size                                                                                  | PH0     |
| Recommend tightening torque. min (N.m)                                                                    | 0.4     |
| Recommend tightening torque. max (N.m)                                                                    | 0.5     |

|                          |                |
|--------------------------|----------------|
| Stripping Length (mm)    | 9~11           |
| Mounting rail            | TS-35、TS-35/15 |
| 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  |
| 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    |

## 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   |

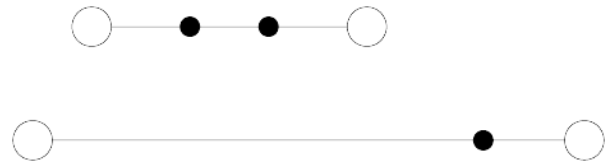
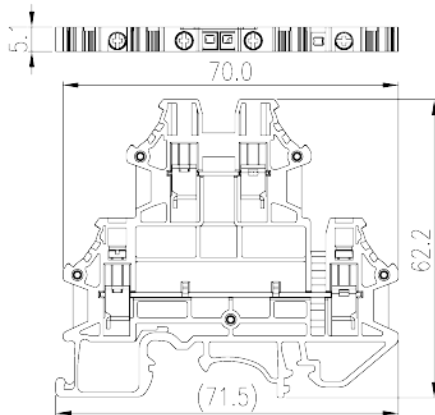
Rated current (Group C)(A)

20

## VDE Approval

|                               |          |
|-------------------------------|----------|
| Wire Range (mm <sup>2</sup> ) | 0.34~2.5 |
| Rated voltage (V)             | 800      |
| Rated current (A)             | 24       |

## Drawings



## Approvals



## Accessories



### DKNSPS-001-OR

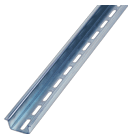
Partition Plate

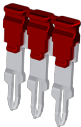
For DK2.5N, DK4N, DK2.5N-TN, DK4N-TN, DK2.5N-TR, DK4N-TR, DK2.5N-3L Series, DKK2.5N Series, DKK4N Series, DK2.5L-3L, DK2.5LU-3L. Orange color. Using UL94-V0 class of insulation material.



### DSS2.5N-XXP

Plug-in bridge

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                     | <p>DKK2.5N-CP, DK2.5N-3L Series Red color. Using UL94-V0 class of insulation material.</p> <p>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, CSC-2.5XXPN</p> <p>Insertion Bridge</p> <p>For DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series, DK2.5L-3L. Beige color. Using UL94-V0 class of insulation material.</p> |
|    | <p>TM47LW</p> <p>Marking Label</p> <p>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</p> <p>AVAILABLE APPLICATION : DKES1.5, DK2.5-PE White color. Using UL94-V0 class of insulation material.</p>                                                                                                     |
|   | <p>DSS2.5N-6688-XXP</p> <p>Plug-in bridge</p> <p>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.</p>                                                                                                                                                                                                                                 |
|  | <p>TS-35</p> <p>DIN-Rail</p> <p>For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.</p>                                                                                                                                                                                                                                                                        |
|  | <p>TS-35/15</p> <p>DIN-Rail</p> <p>For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.</p>                                                                                                                                                                                                                                                                                                      |
|   | <p>TS-35C</p> <p>DIN rail end cap</p> <p>For TS-35 rail. Black color. Using UL94-V2 class of insulation material.</p>                                                                                                                                                                                                                                                                                           |
|  | <p>TM-R200</p> <p>Continuous Flat Marking Labels</p>                                                                                                                                                                                                                                                                                                                                                            |

|                                                                                     |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>0175L1</b></p> <p>Lever</p> <p>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.</p> |
|    | <p><b>DSD02-2.5XXXT</b></p> <p>Plug-in bridge</p> <p>For DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                |
|    | <p><b>0175-T002</b></p> <p>Test plug</p> <p>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.</p>                                                 |
|  | <p><b>DKK2.5NC</b></p> <p>End Cover</p> <p>For DKK2.5N / DKK4N / DKK2.5N-PV / DKK4N-PV / DKK2.5N-TG / DKK2.5N-CP / DKK4N-TG / DKK4N-CP Beige color. Using UL94-V0 class of insulation material.</p>                                                                                |