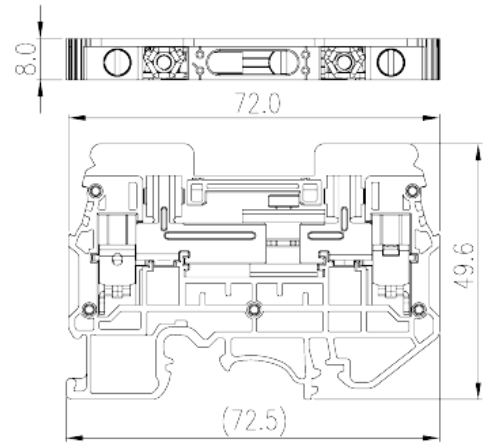
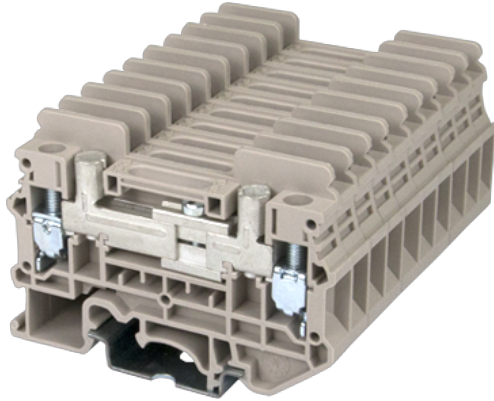


# DKTD6N

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

M4, 300V, 42A, Beige (default)

## General information

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Short description   | Disconnect Test Terminal Block, Screw Connection |
| Category            | Disconnect Test Terminal Block                   |
| Color               | Beige (default)                                  |
| Connection method   | Screw connection                                 |
| Type of locking     | Rail mounting                                    |
| Length (mm)         | 72.5                                             |
| Width (mm)          | 8                                                |
| Height (mm)         | 49.6                                             |
| Number of positions | □1P                                              |
| Level               | Single level                                     |
| Connection points   | 2                                                |

## Material information

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

Insulation resistance

 $\geq 500M\Omega$  at DC 500V

## Connection data-IEC

|                                                                                                           |                |
|-----------------------------------------------------------------------------------------------------------|----------------|
| Rated voltage (V)                                                                                         | 800            |
| Rated current (A)                                                                                         | 41             |
| Rated voltage (III/3)(V)                                                                                  | 800            |
| Rated impulse voltage (III/3)(KV)                                                                         | 8              |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | 0.5            |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | 10             |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | 0.5            |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                  | 6              |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | 0.5            |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )              | 6              |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )                 | 0.5            |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | 6              |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                       | 0.5            |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 4              |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 0.5            |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 4              |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.5            |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 2.5            |
| 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> )   | 4              |
| Screw thread                                                                                              | M4&M3          |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                    | 0.8x4.0        |
| Stripping Length (mm)                                                                                     | 9~10           |
| 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)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 42  |
| Rated voltage (UL/CUL Group C)(V)                | 300 |
| Rated current (UL/CUL Group C)(A)                | 42  |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 20  |
| Max. solid wire connection AWG acc. to UL/CUL    | 8   |
| Min. stranded wire connection AWG acc. to UL/CUL | 20  |
| Max. stranded wire connection AWG acc. to UL/CUL | 8   |

## 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)  | 20~8 |
| Rated voltage (Group B)(V) | 300  |
| Rated current (Group B)(A) | 42   |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 300  |
| Rated current (Group C)(A) | 42   |

## CUL Recognized

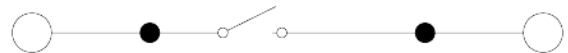
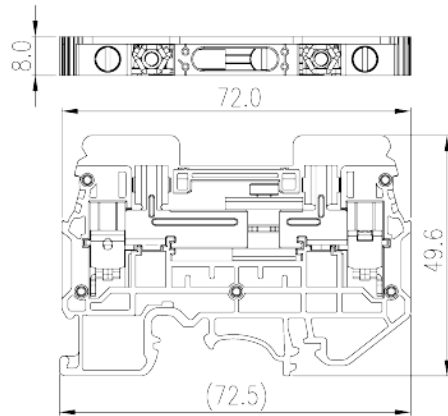
|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 20~8 |
| Rated voltage (Group B)(V) | 300  |
| Rated current (Group B)(A) | 42   |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 300  |
| Rated current (Group C)(A) | 42   |

## VDE Approval

|                               |       |
|-------------------------------|-------|
| Wire Range (mm <sup>2</sup> ) | 0.5~6 |
|-------------------------------|-------|

|                   |     |
|-------------------|-----|
| Rated voltage (V) | 800 |
| Rated current (A) | 41  |

## Drawings



## Approvals



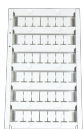
## Accessories



### DKNSPS-006-OR

Partition Plate

For DKTD6N. Orange color. Using UL94-V0 class of insulation material.



### TM49LW

Marking Label

For BEST APPLICATION : DP6N, DP6N-PE, DP6N-TN, DP6N-TN-PE, DP6N-TR, DP6N-TR-PE, DP6N-TFV, DP6N-TFVLXX, DPTD6N, DPTL6N, DPH6 Series, AK6, AK6-PE, AK6-TN, AK6-TN-PE, AK6-TR, AK6-TR-PE, SS7N, DKK4-TF, DK4N-TF, DK4N-TFL, DK6N, DK6N-PE, DK6N-TN, DKTD6N, DK6S, DK6P, PM6N-XXP, SS4N, SS5N, SS8, SS11, SS13 White color. Using UL94-V0 class of insulation material.

### DKNSPS-007-OR

Partition Plate

|                                                                                     |                                                                                                                                              |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|     | <p>For DKTD6N. Orange color. Using UL94-V0 class of insulation material.</p>                                                                 |
|    | <p><b>DS6B01-XX</b><br/>Insertion Bridge<br/>For DKTD6N. Material is copper alloy then tin-plated on surface.</p>                            |
|    | <p><b>DS6B02-XX</b><br/>Insertion Bridge<br/>For DKTD6N. Material is copper alloy then tin-plated on surface</p>                             |
|     | <p><b>DKTD6N-KP</b><br/>Cover<br/>For DKTD6N. White color. Using UL94-V0 class of insulation material.</p>                                   |
|   | <p><b>DKBC150-1000</b><br/>Cover<br/>For DKB150, DKB150-XXPCK, DKBH285-XXPCK, DKBH420-XXPCK. Using UL94-V2 class of insulation material.</p> |
|  | <p><b>TS-35</b><br/>DIN-Rail<br/>For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.</p>    |
|  | <p><b>TS-35/15</b><br/>DIN-Rail<br/>For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.</p>                                  |
|   | <p><b>TS-35C</b><br/>DIN rail end cap<br/>For TS-35 rail. Black color. Using UL94-V2 class of insulation material.</p>                       |
|                                                                                     |                                                                                                                                              |



## TM-R200

Continuous Flat Marking Labels



## DKTD6NC

End Cover

For DKTD6N Beige color. Using UL94-V0 class of insulation material.