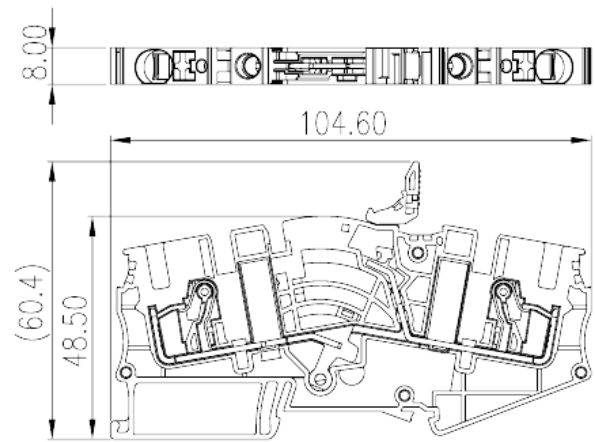
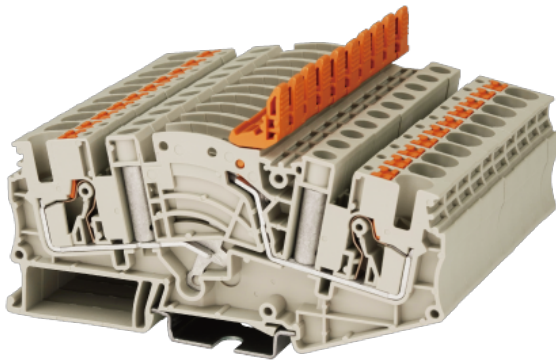


# DPTD6N

DIN Rail Terminal Blocks &gt; Push-in Design

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

600V, 30A, Beige (default)

## General information

|                     |                                                |
|---------------------|------------------------------------------------|
| Short description   | Disconnect Test Terminal Block, Push-in Design |
| Category            | Disconnect Test Terminal Block                 |
| Color               | Beige (default)                                |
| Connection method   | Push-in Design                                 |
| Type of locking     | Rail Mounting                                  |
| Length (mm)         | 104.6                                          |
| Width (mm)          | 8                                              |
| Height (mm)         | 60.4                                           |
| 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

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

## Connection data-IEC

|                                                                                                         |                  |
|---------------------------------------------------------------------------------------------------------|------------------|
| Rated voltage (V)                                                                                       | 1000             |
| Rated current (A)                                                                                       | 30               |
| Rated voltage (III/3)(V)                                                                                | 1000             |
| 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 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              |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                  | 0.8x4            |
| Stripping Length (mm)                                                                                   | 12               |
| 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)               | 30  |
| Rated voltage (UL/CUL Group C)(V)               | 600 |
| Rated current (UL/CUL Group C)(A)               | 30  |
| 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 | 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

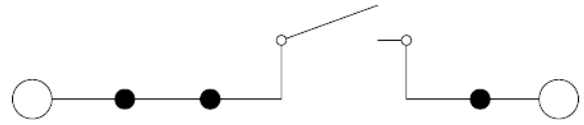
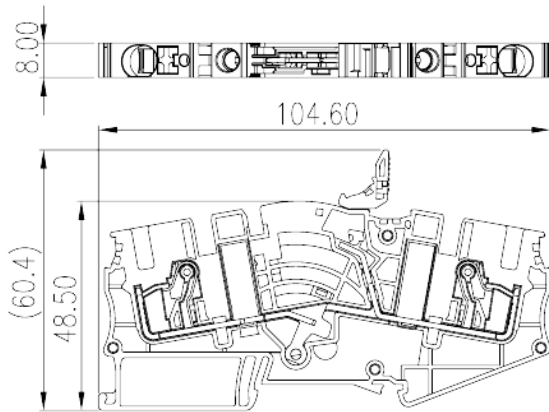
|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 20~8 |
| Rated voltage (Group B)(V) | 600  |
| Rated current (Group B)(A) | 30   |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 600  |
| Rated current (Group C)(A) | 30   |
| Wire Range (Group D)(AWG)  | 20~8 |
| Rated voltage (Group D)(V) | 600  |
| Rated current (Group D)(A) | 5    |

## CUL Recognized

|                            |      |
|----------------------------|------|
| Wire Range (Group B)(AWG)  | 20~8 |
| Rated voltage (Group B)(V) | 600  |
| Rated current (Group B)(A) | 30   |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 600  |
| Rated current (Group C)(A) | 30   |
| Wire Ranget (Group D)(AWG) | 20~8 |
| Rated voltage (Group D)(V) | 600  |
| Rated current (Group D)(A) | 5    |

## Drawings

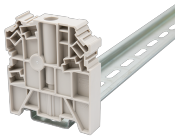
|  |  |
|--|--|
|  |  |
|--|--|



## Approvals



## Accessories



### SS6N

End Bracket

For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



### SS11

End Bracket

For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



### TM44LW

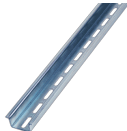
Marking Label

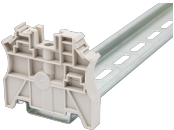
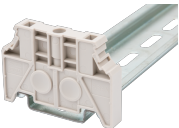
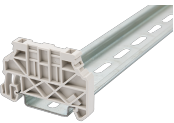
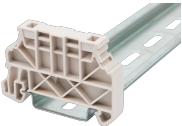
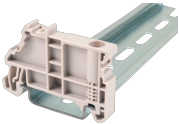
For BEST APPLICATION : DP6N, DP6N-PE, DP6N-TN, DP6N-TN-PE, DP6N-TR, DP6N-TR-PE, DP6N-TFV, DP6N-TFVLXX, DPTD6N, DPTL6N, DPH6 Series, DP4N-TFH, DP4N-TFHL, DP6N-TF, DP6N-TFL, DPHTD6, DPHTDL6, DKD35-P001, DKD35-P002, DKD35-P003, AK6, AK6-PE, AK6-TN, AK6-TN-PE, AK6-TR, AK6-TR-PE, SS7N, PM10-XX White color. Using UL94-V0 class of insulation material.



### TM49LW

Marking Label

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                     | <p>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.</p> <p>For BEST APPLICATION : DP6N, DP6N-PE, DP6N-TN, DP6N-TN-PE, DP6N-TR,</p> |
|     | <p><b>DPTD6C</b></p> <p>End Cover</p> <p>For DPTD6N/DPTL6N/ DPTD6N-D05/ DPTD6N-D06 Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                                   |
|    | <p><b>TS-35</b></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><b>0208-E003</b></p> <p>Spacer</p> <p>For DPH6 Series, DP6N Series, DKD35-P001, DKD35-P002, DP6N-TFV, DP6N-TFVLXX*, DPTD6N, DPTD6N-D05, DPTD6N-D06 Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                  |
|  | <p><b>TS-35/15</b></p> <p>DIN-Rail</p> <p>For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.</p>                                                                                                                                                                                                                                                                 |
|   | <p><b>TS-35C</b></p> <p>DIN rail end cap</p> <p>For TS-35 rail. Black color. Using UL94-V2 class of insulation material.</p>                                                                                                                                                                                                                                                      |
|  | <p><b>0208-T003</b></p> <p>Test Plug</p> <p>For DPH6 Series, DP6N Series, DKD35-P001, DKD35-P002, DP6N-TFV, DP6N-TFVLXX*, DPTD6N, DPTD6N-D05, DPTD6N-D06 Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                               |
|                                                                                     | <p><b>TM-R100</b></p>                                                                                                                                                                                                                                                                                                                                                             |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Continuous Flat Marking Labels</p>                                                                                                                                                                                                                                                                                                         |
|    | <p><b>TM-R200</b><br/>Continuous Flat Marking Labels</p>                                                                                                                                                                                                                                                                                      |
|    | <p><b>SS7N</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                    |
|    | <p><b>DSD01-6XXN</b><br/>Plug-in bridge<br/>For DP6N, DP6N-TN, DP6N-TR, DP6N-PE, DP6N-TN-PE, DP6N-TR-PE, DP6N-TFV, DP6N-TFVLXX, DPTD6N, DPTL6N, DPTD6N-D05, DPTD6N-D06, DPHTD6, DPHTDL6, DPH6 Series, DKD35-P001, DKD35-P002, DP6N-TF-6.3X32, DP6N-TFL-6.3X32, AK6, AK6-TN, AK6-TR Red color. Using UL94-V0 class of insulation material.</p> |
|  | <p><b>SS4N</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                    |
|  | <p><b>SS13</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                    |
|  | <p><b>SS5N</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                    |
|  | <p><b>SS2N</b><br/>End Bracket<br/>For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                    |

