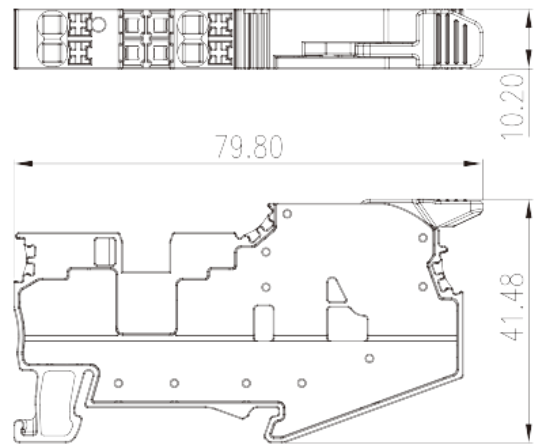
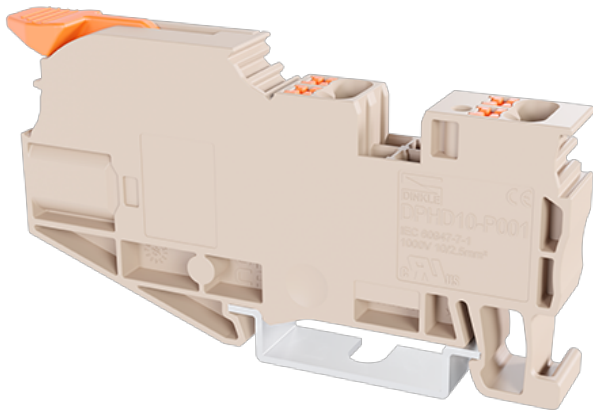


# DPHD10-P001

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, 60A, Beige (default)

## General information

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Short description   | Potential collective Terminal Block, Push-in Design |
| Category            | Potential collective Terminal Block                 |
| Color               | Beige (default)                                     |
| Connection method   | Push-in Design                                      |
| Type of locking     | Rail Mounting                                       |
| Length (mm)         | 79.8                                                |
| Width (mm)          | 41.5                                                |
| Height (mm)         | 41.5/ 43 ( TS-35N ) / 50.5 ( TS-35/15N )            |
| Number of positions | ≥1P                                                 |
| Level               | Single level                                        |
| Connection points   | 5                                                   |

## 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)                                                                                       | 57(Line Side)&24(Load Side )       |
| Rated voltage (III/3)(V)                                                                                | 1000                               |
| Rated impulse voltage (III/3)(KV)                                                                       | 8                                  |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                   | 0.5(Line Side)&0.14(Load Side )    |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                    | 10(Line Side)&4(Load Side )        |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.5(Line Side)&0.14(Load Side )    |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 10(Line Side)&2.5(Load Side )      |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )            | 0.5(Line Side)&0.25(Load Side )    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )            | 10(Line Side)&2.5(Load Side )      |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )               | 0.5(Line Side)&0.25(Load Side )    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | 10(Line Side)&2.5(Load Side )      |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 1.5(Line Side)&0.5(Load Side )     |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 4(Line Side)&0.5(Load Side )       |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                                  | (Load Side )0.6x3.5&1X5.5          |
| Stripping Length (mm)                                                                                   | (Line Side)17~18 &9~10(Load Side ) |
| Mounting rail                                                                                           | TS-35N · TS-35/15N                 |
| End cover plate required                                                                                | NO                                 |
| Grounding connections                                                                                   | NO                                 |

## Connection data-UL

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| Rated voltage (UL/CUL Group B)(V)               | 600                            |
| Rated current (UL/CUL Group B)(A)               | 60(Line Side)&16.5(Load Side ) |
| Rated voltage (UL/CUL Group C)(V)               | 600                            |
| Rated current (UL/CUL Group C)(A)               | 60(Line Side)&16.5(Load Side ) |
| 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(Line Side)&26(Load Side )   |
| Max. solid wire connection AWG acc. to UL/CUL   | 6(Line Side)&12(Load Side )    |

|                                                  |                              |
|--------------------------------------------------|------------------------------|
| Min. stranded wire connection AWG acc. to UL/CUL | 20(Line Side)&26(Load Side ) |
| Max. stranded wire connection AWG acc. to UL/CUL | 6(Line Side)&12(Load Side )  |

## 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

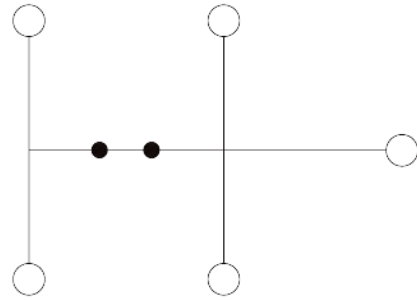
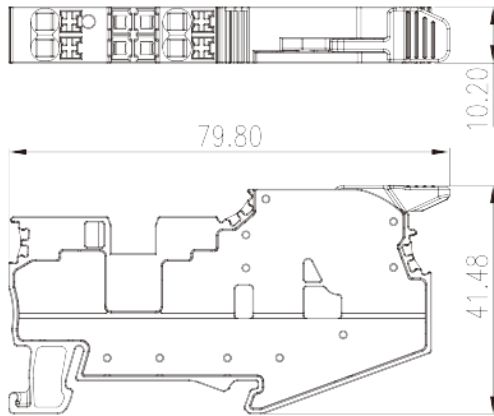
|                            |                                   |
|----------------------------|-----------------------------------|
| Wire Range (Group B)(AWG)  | 20~6(Line Side)&26~12(Load Side ) |
| Rated voltage (Group B)(V) | 600                               |
| Rated current (Group B)(A) | 60(Line Side)&16.5(Load Side )    |
| Wire Range (Group C)(AWG)  | 20~6(Line Side)&26~12(Load Side ) |
| Rated voltage (Group C)(V) | 600                               |
| Rated current (Group C)(A) | 60(Line Side)&16.5(Load Side )    |
| Wire Range (Group D)(AWG)  | 20~6(Line Side)&26~12(Load Side ) |
| Rated voltage (Group D)(V) | 600                               |
| Rated current (Group D)(A) | 5                                 |

## CUL Recognized

|                            |                                   |
|----------------------------|-----------------------------------|
| Wire Range (Group B)(AWG)  | 20~6(Line Side)&26~12(Load Side ) |
| Rated voltage (Group B)(V) | 600                               |
| Rated current (Group B)(A) | 60(Line Side)&16.5(Load Side )    |
| Wire Range (Group C)(AWG)  | 20~6(Line Side)&26~12(Load Side ) |
| Rated voltage (Group C)(V) | 600                               |
| Rated current (Group C)(A) | 60(Line Side)&16.5(Load Side )    |
| Wire Ranget (Group D)(AWG) | 20~6(Line Side)&26~12(Load Side ) |
| Rated voltage (Group D)(V) | 600                               |
| Rated current (Group D)(A) | 5                                 |

## Drawings

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



## Approvals



## Accessories



### DSD01-2.5XXN

Plug-in bridge

For DP2.5N Series, DPP2.5N Series, DP2.5N-3L Series, DP2.5SG Series, DPES2.5, DPES2.5-PE, DKD10-P001, DPHD10-P001, DPD16-P001, DPD10-P001, DPH2.5 Series, DPPES2.5, DPPES2.5-PE, AK2.5 Series, AKK2.5, AKK2.5-D01, AKK2.5-D02, AKK2.5-D03, AKK2.5-D04, AKK2.5-PV Red color. Using UL94-V0 class of insulation material.



### TM45LW

Marking Label

For BEST APPLICATION : DP10, DP10-PE, DP10-TN, DP10-TN-PE, DKD10-P001, DPHD10-P001, DPH10 Series, AK10, AK10-PE, AK10-TN, AK10-TN-PE AVAILABLE APPLICATION : DP16, DP16-PE, DP16-TN, DP16-TN-PE, DPH16 Series, AK16, AK16-PE, AK16-TN, AK35, DPD10-P001, DPD16-P001, DK10-TF, DK10-TFA White color. Using UL94-V0 class of insulation material.



### 0208-T001

Test Plug

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                     | <p>DPES2.5, DPPE2.5, DPES2.5-PE, DPPE2.5-PE, DP2.5N-T, AK2.5 Series Red color. Using UL94-V0 class of insulation material.</p> <p>For DPH2.5 Series, DP2.5N Series, DPP2.5N Series, DPD10-P001, DKD10-P001, DPHD10-P001, DPD16-P001, DP2.5SG, DP2.5SG-L24*, DP2.5SGT, DP2.5SGT-L24*, DP2.5SG, DP2.5SG-L24*, DP2.5SGR, DP2.5SGR-L24*, DP2.5SGRT, DP2.5SGRT-L24*, DIN rail end cap</p> <p>For TS-35 rail. Black color. Using UL94-V2 class of insulation material.</p> |
|     | <p>TS-35C</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|    | <p><b>TM-R100</b></p> <p>Continuous Flat Marking Labels</p>                                                                                                                                                                                                                                                                                                                                                                                                          |
|    | <p><b>DSD03-1.5/2.5</b></p> <p>Plug-in bridge</p> <p>For DP1.5N Series, DP2.5N Series, DPD10-P001, DPD16-P001, DKD10-P001, DPHD10-P001 Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                                                                    |
|  | <p><b>DSD06-2.5XXXT</b></p> <p>Plug-in bridge</p> <p>For DP2.5N Series, DPP2.5N Series, DP2.5N-3L Series, DP2.5SG Series, DPES2.5 Series, DPD10-P001, DKD10-P001, DPHD10-P001, DPD16-P001, DPH2.5 Series, AK2.5 Series, AKK2.5 Series, DPPE2.5, DK2.5L-3L Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                 |
|  | <p><b>DSD03-2.5/4</b></p> <p>Plug-in bridge</p> <p>For DP2.5N Series, DP4N Series, DPD10-P001, DPD16-P001, DKD10-P001, DPHD10-P001 Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                                                                        |
|  | <p><b>DSD03-2.5/6</b></p> <p>Plug-in bridge</p> <p>For DP2.5N Series, DP6N Series, DKD35-P001, DKD35-P002, DPD10-P001, DPD16-P001, DKD10-P001, DPHD10-P001 Red color. Using UL94-V0 class of insulation material.</p>                                                                                                                                                                                                                                                |

