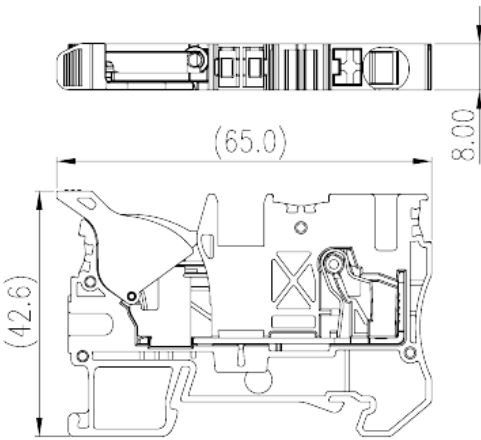
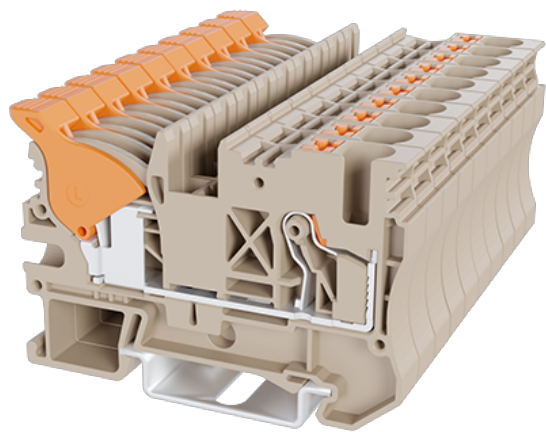


# DPH6-DP

DIN Rail Terminal Blocks > Push-in Design

Date:2025-12-18



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, 40A, Beige (default)

## General information

|                   |  |
|-------------------|--|
| Short description | Single Level Feed-through Terminal Block, Push-in Design |
| Category          | Single Level Feed-through Terminal Block                 |
| Color             | Refer to drawing   |
| Connection method | Push-in Design   |
| Length (mm)       | 63   |
| Width (mm)        | 8  |
| Height (mm)       | 43.5 ( TS-35N ) /51 ( TS-35/15N )                        |
| Level             | Single level   |
| Connection points | 2  |

## Material information

|  |                   |
|--|-------------------|
| Insulation material                          | PA                |
| Insulation material group                    | I                 |
| Flame retardant rating , compliant with UL94 | V0                |
| Insulation resistance                        | □500MΩ at DC 500V |

|                              |              |
|------------------------------|--------------|
| Conductor material           | COPPER ALLOY |
| Plating of conductor surface | Tin PLATED   |

## Connection data-IEC

|   |                  |
|---|------------------|
| Rated voltage (V)   | 1000             |
| Rated current (A)   | 41               |
| 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)   | 16~17            |
| Mounting rail   | TS-35N、TS-35/15N |
| End cover plate required  | YES              |
| Grounding connections   | NO               |

## Connection data-UL

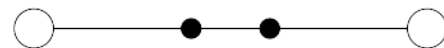
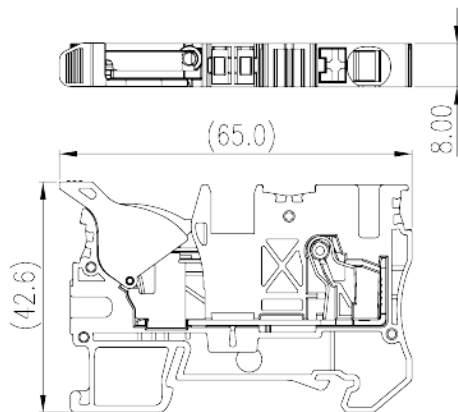
|   |     |
|---|-----|
| Rated voltage (UL/CUL Group B)(V)               | 600 |
| Rated current (UL/CUL Group B)(A)               | 40  |
| Rated voltage (UL/CUL Group C)(V)               | 600 |
| Rated current (UL/CUL Group C)(A)               | 40  |
| Rated voltage (UL/CUL Group D)(V)               | 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 |

## Drawings



## Approvals

