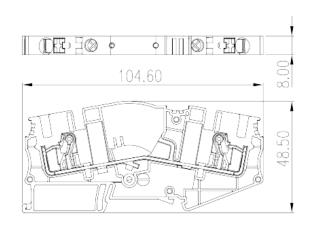


# DPTL6N

DIN Rail Terminal Blocks > Push-in Design

Date:2025-11-04





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   | Feed-Through Terminal Block, Push-in Design |
|---------------------|---|
| Category            | Feed-Through Terminal Block                 |
| Color               | Beige (default)                             |
| Connection method   | Push-in Design                              |
| Type of locking     | Rail Mounting                               |
| Length (mm)         | 104.6                                       |
| Width (mm)          | 8   |
| Height (mm)         | 48.5  |
| Number of positions | <u>≥</u> 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  | ≥500MΩ at DC 500V |  |
|--|-------------------|--|
| 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 (mm²)   | 0.5               |  |
| Conductor cross section solid.max (mm²)  | 10                |  |
| Conductor cross section stranded. min (mm²)  | 0.5               |  |
| Conductor cross section stranded. max (mm²)  | 6                 |  |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)            | 0.5               |  |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)            | 6                 |  |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)               | 0.5               |  |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)               | 6                 |  |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) | 0.5               |  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²) | 1.5               |  |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                     | 0.8x4.0           |  |
| Stripping Length (mm)  | 12                |  |
| Mounting rail  | TS-35             |  |
| 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                |  |
| 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 |

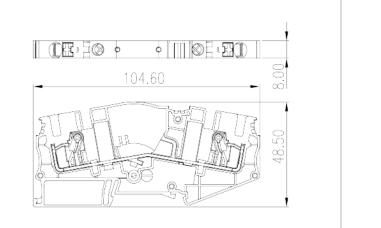
## **UL** Recognized

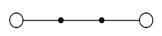
| Wire Range (Group B)(AWG)  | 20~8 |
|----------------------------|------|
| Rated voltage (Group B)(V) | 600  |
| Rated current (Group B)(A) | 30   |
| Wire Range (Group C)(AWG)  | 20~8 |
| Rated voltage (Group C)(V) | 600  |
| Rated current (Group C)(A) | 30   |

#### **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   |

## Drawings





## **Approvals**







