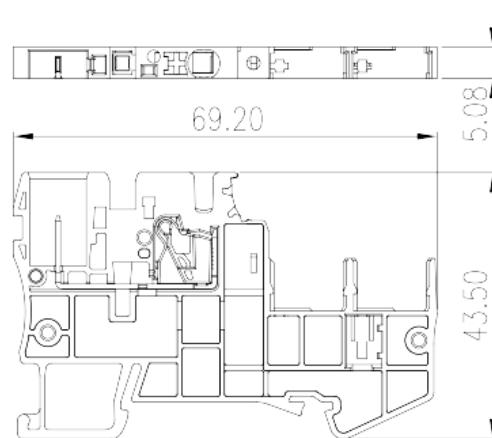
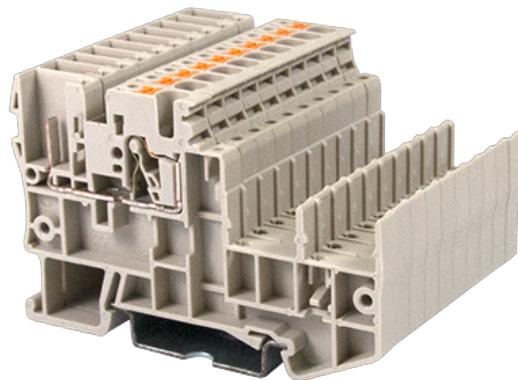


# DP2.5SGT

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2026-01-31



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, 20A, Beige (default)

## General information

|                     |   |
|---------------------|---|
| Short description   | Plug-in Connection Terminal Block, Push-in Design |
| Category            | Plug-in Connection Terminal Block                 |
| Pitch (mm)          | 5.08  |
| Color               | Beige (default)                                   |
| Connection method   | Push-in Design                                    |
| Type of locking     | Rail Mounting                                     |
| Length (mm)         | 69.2  |
| Width (mm)          | 5.08  |
| Height (mm)         | 43.5  |
| Number of positions | ≥1P   |
| Level               | Single level                                      |
| Connection points   | 1   |

## 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)  | 400     |
| Rated current (A)  | 24      |
| Rated voltage (II/2)(V)  | 1000    |
| Rated voltage (III/2) (V)  | 400     |
| Rated voltage (III/3)(V)   | 400     |
| Rated impulse voltage (II/2)(KV)   | 6       |
| Rated impulse voltage (III/2)(KV)  | 6       |
| Rated impulse voltage (III/3)(KV)  | 6       |
| Conductor cross section solid. min (mm <sup>2</sup> )  | 0.14    |
| Conductor cross section solid.max (mm <sup>2</sup> )   | 4       |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                     | 0.14    |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                     | 2.5     |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 0.25    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 2.5     |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )    | 0.25    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )    | 2.5     |
| Slotted screwdriver size (Blade thickness x Width)(mm)                                       | 0.6x3.5 |
| Stripping Length (mm)  | 10      |
| 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)               | 20  |
| Rated voltage (UL/CUL Group C)(V)               | 600 |
| Rated current (UL/CUL Group C)(A)               | 20  |
| Min. solid wire connection (AWG) acc. to UL/CUL | 26  |
| Max. solid wire connection AWG acc. to UL/CUL   | 12  |

|  |    |
|--|----|
| Min. stranded wire connection AWG acc. to UL/CUL | 26 |
| Max. stranded wire connection AWG acc. to UL/CUL | 12 |

## 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 |

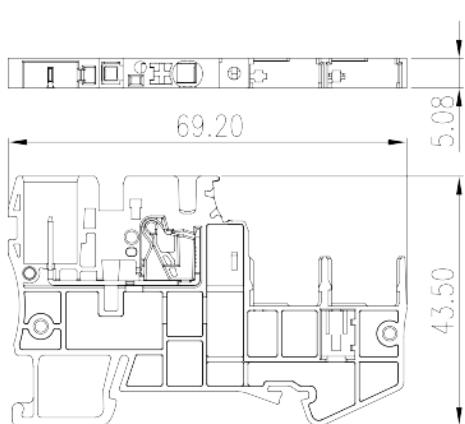
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 26~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 20    |
| Wire Range (Group C)(AWG)  | 26~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 20    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 26~12 |
| Rated voltage (Group B)(V) | 600   |
| Rated current (Group B)(A) | 20    |
| Wire Range (Group C)(AWG)  | 26~12 |
| Rated voltage (Group C)(V) | 600   |
| Rated current (Group C)(A) | 20    |

## Drawings



## Approvals

