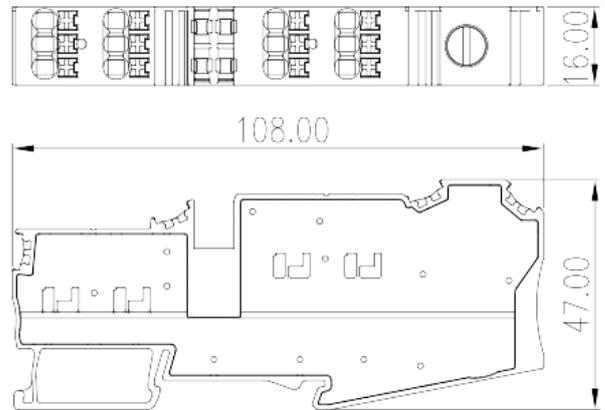
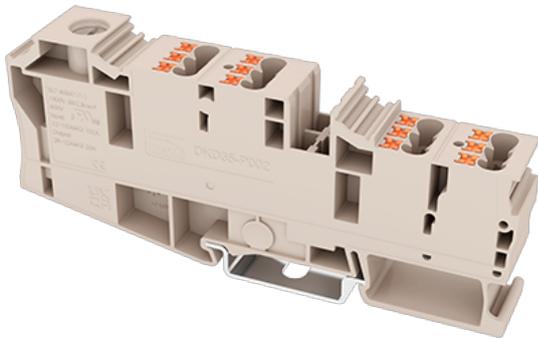


# DKD35-P002

DIN Rail Terminal Blocks > Push-in Design

Date:2024-12-06



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, 102A, Beige (default)

## General information

|                   |  |
|-------------------|--|
| Short description | Potential collective Terminal Block, Screw Connection / Push-in Design |
| Category          | Potential collective Terminal Block                                    |
| Color             | Beige (default)  |
| Connection method | Screw Connection / Push-in Design                                      |
| Length (mm)       | 108  |
| Width (mm)        | 16   |
| Height (mm)       | 47   |
| Level             | Single level   |
| Connection points | 13   |

## 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)   | Line Side: 105 / Load Side: 24   |
| Rated voltage (III/3)(V)  | 1000                             |
| Rated impulse voltage (III/3)(KV)   | Line Side: 8 / Load Side: 8      |
| Conductor cross section solid. min (mm <sup>2</sup> )   | Line Side: 1.5 / Load Side: 0.14 |
| Conductor cross section solid.max (mm <sup>2</sup> )  | Line Side: 50 / Load Side: 4     |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | Line Side: 1.5 / Load Side: 0.14 |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | Line Side: 35 / Load Side: 2.5   |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | Line Side: 1.5 / Load Side: 0.25 |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )              | Line Side: 35 / Load Side: 2.5   |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )                 | Line Side: 1.5 / Load Side: 0.25 |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | Line Side: 35 / Load Side: 2.5   |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                       | Line Side: 1.5                   |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | Line Side: 16                    |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | Line Side: 1.5                   |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | Line Side: 10                    |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | Line Side: 1.5                   |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | Line Side: 10                    |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )   | Line Side: 1.5 / Load Side: 0.5  |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )   | Line Side: 10 / Load Side: 0.5   |
| Mounting rail   | TS-35                            |

## Connection data-UL

|   |                                |
|---|--------------------------------|
| Rated voltage (UL/CUL Group B)(V)               | 600                            |
| Rated current (UL/CUL Group B)(A)               | Line Side: 102 / Load Side: 20 |
| Rated voltage (UL/CUL Group C)(V)               | 600                            |
| Rated current (UL/CUL Group C)(A)               | Line Side: 102 / Load Side: 20 |
| Min. solid wire connection (AWG) acc. to UL/CUL | Line Side: 12 / Load Side: 26  |

|  |                                |
|--|--------------------------------|
| Max. solid wire connection AWG acc. to UL/CUL    | Line Side: 1/0 / Load Side: 12 |
| Min. stranded wire connection AWG acc. to UL/CUL | Line Side: 12 / Load Side: 26  |
| Max. stranded wire connection AWG acc. to UL/CUL | Line Side: 1/0 / Load Side: 12 |

## UL Recognized

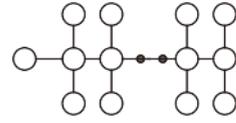
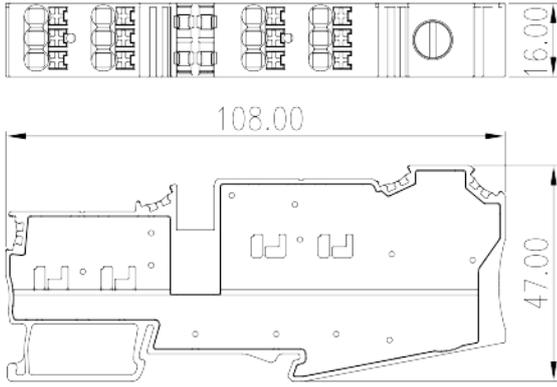
|                            |  |
|----------------------------|--|
| Wire Range (Group B)(AWG)  | Line Side : 12~1/0 / Load Side : 26~12 |
| Rated voltage (Group B)(V) | 600                                    |
| Rated current (Group B)(A) | Line Side : 102 / Load Side : 20       |
| Wire Range (Group C)(AWG)  | Line Side : 12~1/0 / Load Side : 26~12 |
| Rated voltage (Group C)(V) | 600                                    |
| Rated current (Group C)(A) | Line Side : 102 / Load Side : 20       |
| Wire Range (Group D)(AWG)  | Line Side : 12~1/0 / Load Side : 26~12 |
| Rated voltage (Group D)(V) | 600                                    |
| Rated current (Group D)(A) | Line Side : 102 / Load Side : 20       |

## CUL Recognized

|                            |  |
|----------------------------|--|
| Wire Range (Group B)(AWG)  | Line Side : 12~1/0 / Load Side : 26~12 |
| Rated voltage (Group B)(V) | 600                                    |
| Rated current (Group B)(A) | Line Side : 102 / Load Side : 20       |
| Wire Range (Group C)(AWG)  | Line Side : 12~1/0 / Load Side : 26~12 |
| Rated voltage (Group C)(V) | 600                                    |
| Rated current (Group C)(A) | Line Side : 102 / Load Side : 20       |
| Wire Ranget (Group D)(AWG) | Line Side : 12~1/0 / Load Side : 26~12 |
| Rated voltage (Group D)(V) | 600                                    |
| Rated current (Group D)(A) | Line Side : 102 / Load Side : 20       |

## Drawings

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



## Approvals

