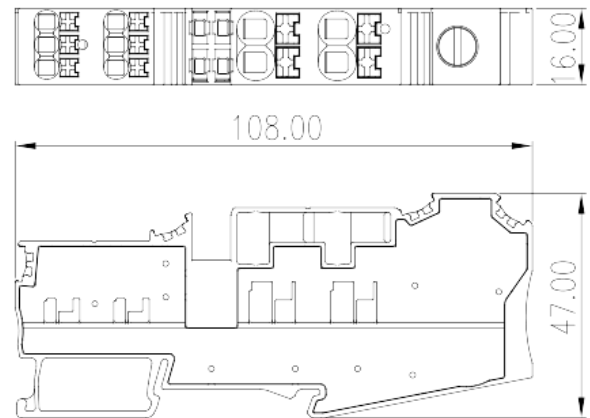
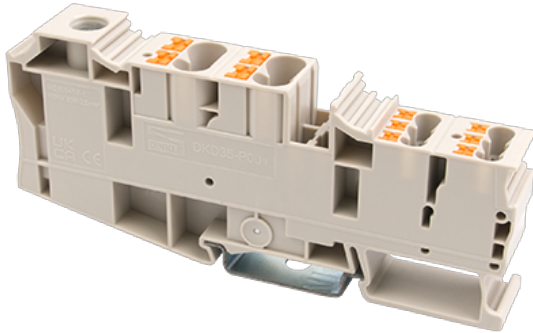


# DKD35-P001

DIN Rail Terminal Blocks &gt; Push-in Design

Date:2026-09-11



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                                                                     |
| Number of positions | ≥1P                                                                    |
| Level               | Single level                                                           |
| Connection points   | 11                                                                     |

## 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)                                                                                         | 1000                                                   |
| Rated current (A)                                                                                         | Line Side: 105 / Load Side1: 41 / Load Side2: 24       |
| Rated voltage (III/3)(V)                                                                                  | 1000                                                   |
| Rated impulse voltage (III/3)(KV)                                                                         | 8                                                      |
| Conductor cross section solid. min (mm <sup>2</sup> )                                                     | Line Side: 1.5 / Load Side1: 0.5 / Load Side2: 0.2     |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                      | Line Side: 50 / Load Side1: 10 / Load Side2: 4         |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                  | Line Side: 1.5 / Load Side1: 0.5 / Load Side2: 0.2     |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                  | Line Side: 35 / Load Side1: 6 / Load Side2: 2.5        |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )              | Line Side: 1.5 / Load Side1: 0.5 / Load Side2: 0.25    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )              | Line Side: 35 / Load Side1: 6 / Load Side2: 2.5        |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )                 | Line Side: 1.5 / Load Side1: 0.5 / Load Side2: 0.25    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )                 | Line Side: 35 / Load Side1: 6 / Load Side2: 2.5        |
| 2 conductors with same cross section, solid, min (mm <sup>2</sup> )                                       | 1.5                                                    |
| 2 conductors with same cross section, solid, max (mm <sup>2</sup> )                                       | 16                                                     |
| 2 conductors with same cross section, stranded, min (mm <sup>2</sup> )                                    | 1.5                                                    |
| 2 conductors with same cross section, stranded, max (mm <sup>2</sup> )                                    | 10                                                     |
| 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> ) | 1.5                                                    |
| 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> ) | 10                                                     |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )   | Line Side: 1.5 / Load Side1: 0.5 / Load Side2: 0.5     |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )   | Line Side: 10 / Load Side1: 1.5 / Load Side2: 0.5      |
| Screw thread                                                                                              | M6                                                     |
| Philips screwdriver size                                                                                  | 0.6X3.5 / 1X5.5                                        |
| Recommend tightening torque. min (N.m)                                                                    | 4                                                      |
| Recommend tightening torque. max (N.m)                                                                    | 6                                                      |
| Stripping Length (mm)                                                                                     | Line Side: 14~16/ Load Side1: 11~12 / Load Side2: 9~10 |
| Mounting rail                                                                                             | TS-35                                                  |

|                          |    |
|--------------------------|----|
| 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)                | 102 ( Line Side ) 40 ( Load Side 1 ) 20 ( Load Side 2 ) |
| Rated voltage (UL/CUL Group C)(V)                | 600                                                     |
| Rated current (UL/CUL Group C)(A)                | 102 ( Line Side ) 40 ( Load Side 1 ) 20 ( Load Side 2 ) |
| 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  | Line Side: 12 / Load Side1: 20 / Load Side2: 26         |
| Max. solid wire connection AWG acc. to UL/CUL    | Line Side: 1/0 / Load Side1: 8 / Load Side2: 12         |
| Min. stranded wire connection AWG acc. to UL/CUL | Line Side: 12 / Load Side1: 20 / Load Side2: 26         |
| Max. stranded wire connection AWG acc. to UL/CUL | Line Side: 1/0 / Load Side1: 8 / Load Side2: 12         |

## Environment & Safety

|                                         |     |
|-----------------------------------------|-----|
| Back of the hand protection (YES or NO) | YES |
| Finger protection (YES or NO)           | NO  |
| Operating temperature. max (°C)         | 120 |
| Operating temperature. min (°C)         | -40 |

## UL Recognized

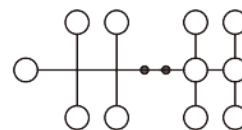
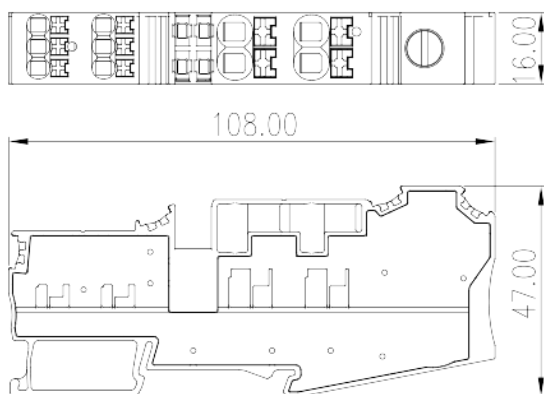
|                            |                                                           |
|----------------------------|-----------------------------------------------------------|
| Wire Range (Group B)(AWG)  | Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12 |
| Rated voltage (Group B)(V) | 600                                                       |
| Rated current (Group B)(A) | Line Side : 102 / Load Side1: 40 / Load Side2: 20         |
| Wire Range (Group C)(AWG)  | Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12 |
| Rated voltage (Group C)(V) | 600                                                       |
| Rated current (Group C)(A) | Line Side : 102 / Load Side1: 40 / Load Side2: 20         |
| Wire Range (Group D)(AWG)  | Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12 |
| Rated voltage (Group D)(V) | 600                                                       |
| Rated current (Group D)(A) | 5                                                         |

## CUL Recognized

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

|                            |                                                           |
|----------------------------|-----------------------------------------------------------|
|                            | 26~12                                                     |
| Wire Range (Group B)(AWG)  | Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12 |
| Rated current (Group B)(A) | Line Side : 102 / Load Side1: 40 / Load Side2: 20         |
| Wire Range (Group C)(AWG)  | Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12 |
| Rated voltage (Group C)(V) | 600                                                       |
| Rated current (Group C)(A) | Line Side : 102 / Load Side1: 40 / Load Side2: 20         |
| Wire Range (Group D)(AWG)  | Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12 |
| Rated voltage (Group D)(V) | 600                                                       |
| Rated current (Group D)(A) | 5                                                         |

## Drawings



## Approvals

