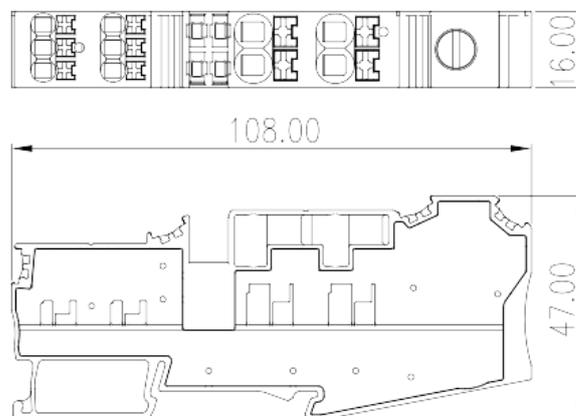
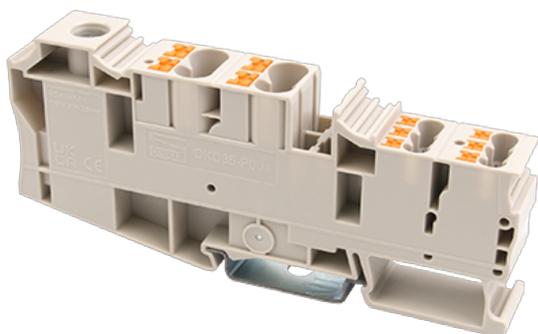


# DKD35-P001

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	11

## 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 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: 0.14
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: 0.14
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 / 0.8X4 / 1X5.5
Recommend tightening torque. min (N.m)	4.0
Recommend tightening torque. max (N.m)	6.0
Mounting rail	TS-35

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
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Rated current (UL/CUL Group B)(A)	Line Side:102 / Load Side1: 40 / Load Side2: 20
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	Line Side:102 / Load Side1: 40 / Load Side2: 20
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

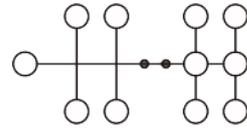
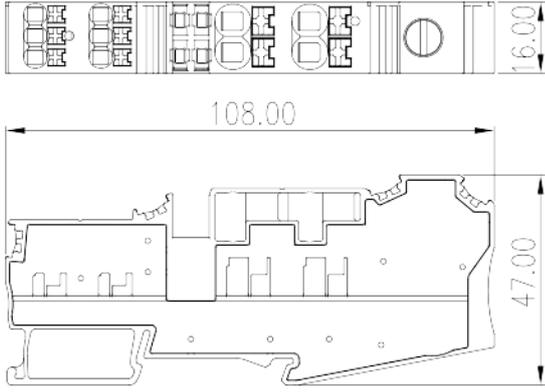
Wire Range (Group B)(AWG)	Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 102 / Load Side1: 40 / Load Side2: 20
Wire Range (Group D)(AWG)	Line Side : 12~1/0 / Load Side1: 20~8 / Load Side2: 26~12
Rated voltage (Group D)(V)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

## CUL 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 Ranget (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)	Line Side : 102 / Load Side1: 40 / Load Side2: 20

## Drawings

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## Approvals

