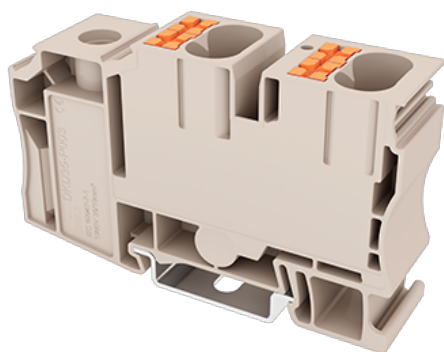


# DKD35-P003

DIN Rail Terminal Blocks > Push-in Design

Date:2026-04-06



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, 96A, Beige (default)

## General information

Short description	Potential collective Terminal Block, Screw Connection / Push-in Design
Category	Potential collective Terminal Block
Pitch (mm)	19.4
Color	Beige (default)
Connection method	Screw Connection / Push-in Design
Length (mm)	80
Width (mm)	19.4
Height (mm)	49
Number of positions	≥1P
Level	Single level
Connection points	5

## 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: 57
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 Side: 0.5
Conductor cross section solid.max (mm <sup>2</sup> )	Line Side: 50 / Load Side: 16
Conductor cross section stranded. min (mm <sup>2</sup> )	Line Side: 1.5 / Load Side: 0.5
Conductor cross section stranded. max (mm <sup>2</sup> )	Line Side: 35 / Load Side: 10
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	Line Side: 1.5 / Load Side: 0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	Line Side: 35 / Load Side: 10
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	Line Side: 1.5 / Load Side: 0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	Line Side: 35 / Load Side: 10
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: 1.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	Line Side: 10 / Load Side: 4
Screw thread	Line Side:M6
Slotted screwdriver size (Blade thickness x Width)(mm)	1X5.5
Recommend tightening torque. min (N.m)	Line Side:4
Recommend tightening torque. max (N.m)	Line Side:6
Stripping Length (mm)	Line Side: 12~13/ Load Side:17~18

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)	96 ( Line ) 55 ( Load )
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	96 ( Line ) 55 ( Load )
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	12 ( Line Side ) 20 ( Load Side )
Max. solid wire connection AWG acc. to UL/CUL	1/0 ( Line Side ) 6 ( Load Side )
Min. stranded wire connection AWG acc. to UL/CUL	12 ( Line Side ) 20 ( Load Side )
Max. stranded wire connection AWG acc. to UL/CUL	1/0 ( Line Side ) 6 ( Load Side )

## 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

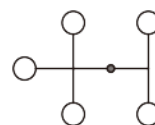
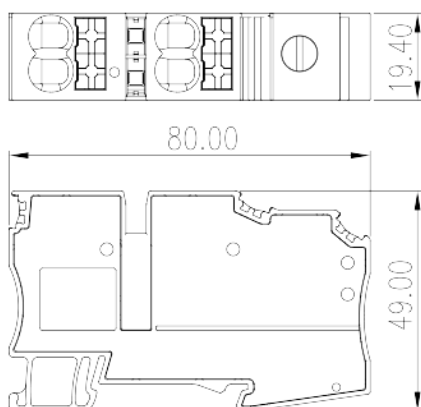
Wire Range (Group B)(AWG)	Line Side : 12~1/0 / Load Side : 20~6
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 96 / Load Side : 55
Wire Range (Group C)(AWG)	Line Side : 12~1/0 / Load Side : 20~6
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	Line Side : 96 / Load Side : 55
Wire Range (Group D)(AWG)	Line Side : 12~1/0 / Load Side : 20~6
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## CUL Recognized

Wire Range (Group B)(AWG)	Line Side : 12~1/0 / Load Side : 20~6
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Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	Line Side : 96 / Load Side : 55
Wire Range (Group C)(AWG)	Line Side : 12~1/0 / Load Side : 20~6
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	Line Side : 96 / Load Side : 55
Wire Ranget (Group D)(AWG)	Line Side : 12~1/0 / Load Side : 20~6
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## Drawings



## Approvals

