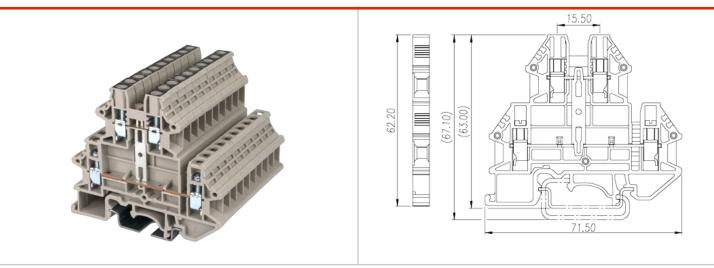


DKK4N-PV DIN Rail Terminal Blocks > Screw Connection

Date:2025-08-04Version:1.2



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**

M3, 600V, 30A, Grey (default)

#### General information

Short description	DIN rail terminal blocks, Bi level feed through terminal blocks
Category	Bi level feed through terminal blocks
Color	Beige (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	71.5
Width (mm)	6.1
Height (mm)	62.2
Number of positions	D1P
Level	Double level
Connection points	4

#### Material information

Insulation material	PA
Insulation material group	Ι



Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V

### Connection data-IEC

Rated current (A)32Rated voltage (III/3)(V)800Rated impulse voltage (III/2)(KV)8Rated impulse voltage (III/2)(KV)8Rated impulse voltage (III/3)(KV)8Conductor cross section solid.min (mm²)0.34Conductor cross section solid.max (mm²)6Conductor cross section stranded. min (mm²)0.34Conductor cross section stranded. min (mm²)0.34Conductor cross section flexible, with min ferrule0.34Conductor cross section flexible, with max ferrule0.34Conductor cross section flexible, with max ferrule0.34Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.34Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.34Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)0.34Conductor swith same cross section, solid, min (mm²)0.342 conductors with same cross section, solid, max (mm²)2.52 conductors with same cross section, solid, max (mm²)0.342 conductors with same cross section, stranded, max (mm²)0.342 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)0.52 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)0.52 conductors with same cross section flexible, mit max ferrule without plastic sleeve (mm²)0.52 conductors with same cross section flexible, mit max ferrule without plastic sleeve (mm²)0.52 conductors with same cross section fle	Rated voltage (V)	800
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(mm²)2 conductors with same cross section, stranded, max (mm²)2.52 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)0.342 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)1.52 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)0.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)1.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)1.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)1.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)0.6x3.5	2 conductors with same cross section, solid, max (mm <sup>2</sup> )	2.5
(mm²)2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)0.342 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)1.52 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)0.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)1.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)0.52 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)1.5Screw threadM3Slotted screwdriver size (Blade thickness x Width)(mm)0.6x3.5		0.34
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ferrules with plastic sleeve (mm²)   2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)   Screw thread M3   Slotted screwdriver size (Blade thickness x Width)(mm) 0.6x3.5	2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	1.5
ferrules with plastic sleeve (mm²)   Screw thread M3   Slotted screwdriver size (Blade thickness x Width)(mm) 0.6x3.5	2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
Slotted screwdriver size (Blade thickness x Width)(mm) 0.6x3.5	2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	1.5
	Screw thread	M3
Philips screwdriver size PH0	Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
	Philips screwdriver size	РНО



Rated torque (N.m)	0.5
Recommend tightening torque. min (N.m)	0.5
Recommend tightening torque. max (N.m)	0.6
Stripping Length (mm)	9~11
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)	30
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	30
Min. solid wire connection (AWG) acc. to UL/CUL	22
Max. solid wire connection AWG acc. to UL/CUL	10
Min. stranded wire connection AWG acc. to UL/CUL	22
Max. stranded wire connection AWG acc. to UL/CUL	10

# Environment & Safety

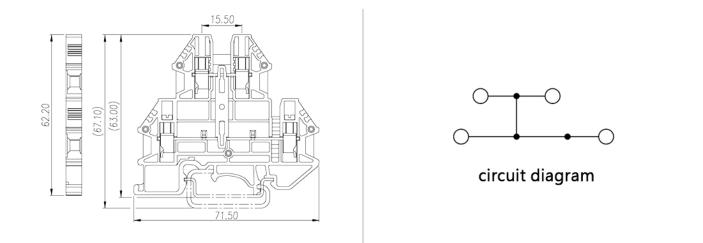
Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

### **UL** Recognized

Wire Range (Group B)(AWG)	22~10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	30
Wire Range (Group C)(AWG)	22~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	30

# Drawings





Approvals





RoHS