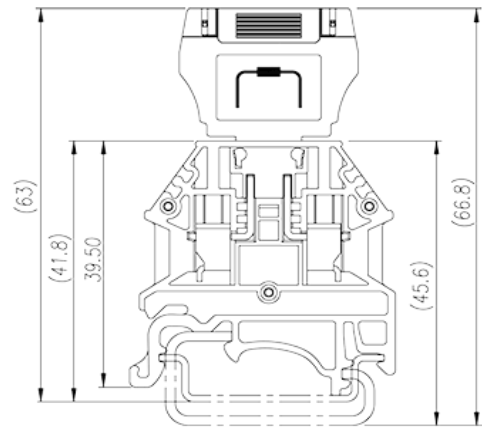
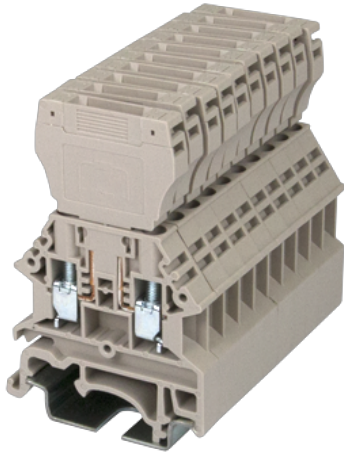


DK4N-CP

DIN Rail Terminal Blocks > Screw Connection

Date:2026-06-18Version: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, 300V, 6A, Beige (default)

General information

Short description	DIN rail terminal blocks, Disconnect terminal blocks
Category	Disconnect terminal blocks
Color	Beige (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	40.7
Width (mm)	6.1
Height (mm)	62.1
Number of positions	□1P
Level	Single level
Connection points	2

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)	400
Rated current (A)	6
Rated voltage (III/3)(V)	400
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm ²)	0.34
Conductor cross section solid.max (mm ²)	6
Conductor cross section stranded. min (mm ²)	0.34
Conductor cross section stranded. max (mm ²)	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.34
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	4
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.34
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	4
2 conductors with same cross section, solid, min (mm ²)	0.34
2 conductors with same cross section, solid, max (mm ²)	2.5
2 conductors with same cross section, stranded, min (mm ²)	0.34
2 conductors with same cross section, stranded, max (mm ²)	2.5
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm ²)	1.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm ²)	2.5
Screw thread	M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Philips screwdriver size	PH0
Rated torque (N.m)	0.6

Stripping Length (mm)	9~11
Mounting rail	TS-35
End cover plate required	YES
Grounding connections	NO

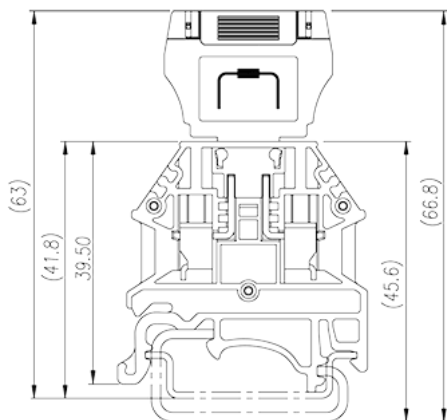
Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	6
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

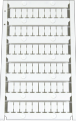
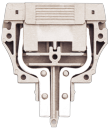
Drawings



Approvals



Accessories

	DK4NC End cover For DK2.5N / DK4N / DK2.5N-TG / DK2.5N-CP / DK4N-TG / DK4N-CP Beige color. Using UL94-V0 class of insulation material.
	TM48LW Marking Label For BEST APPLICATION : DP4N, DP4N-PE, DP4N-TN, DP4N-TN-PE, DP4N-TR, DP4N-TR-PE, DP4N-3L-SPE, AK4, AK4-PE, AK4-TN, AK4-TN-PE, AK4-TR, AK4-TR-PE, DK4N Series, DKK4N Series. AVAILABLE APPLICATION : DK4-PE White color. Using UL94-V0 class of insulation material.
	TS-35 DIN-Rail For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.
	AKP-CP Component plug For DP2.5N-T, DP4N-T, DP2.5N-TN-T, DP2.5N-TR-T, DPP2.5N-T, AK2.5-T, AK4-T, AK2.5-TN-T, AK2.5-TR-T, DK2.5N-T, DK4N-T, DKK2.5N-T, DKK4N-T, DK4NS-T. Orange color. Using UL94-V0 class of insulation material.
	TS-35/15 DIN-Rail For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.
	TS-35C DIN rail end cap For TS-35 rail. Black color. Using UL94-V2 class of insulation material.
	TM-R200 Continuous Flat Marking Labels



CSC-4XXPN

Insertion Bridge

For DK4N Series, DK4NS Series, DKK4N Series. Beige color. Using UL94-V0 class of insulation material.