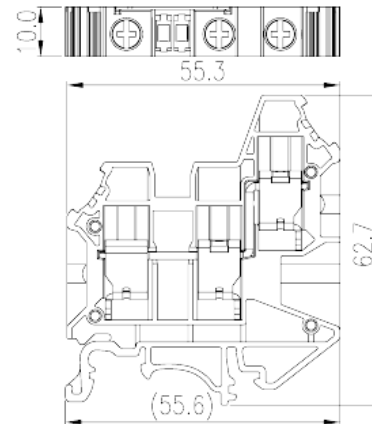
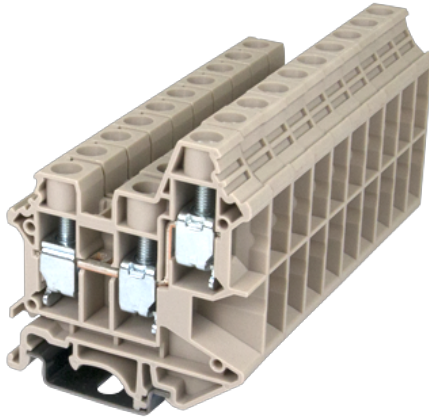


DK10N-TN

DIN Rail Terminal Blocks > Screw Connection

Date:2026-06-18



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

M4, 600V, 60A, Beige (default)

General information

Short description	Single level Feed-Through Terminal Block, Screw Connection
Category	Single level Feed Through Terminal Block
Pitch (mm)	10
Color	Beige (default)
Connection method	Screw Connection
Type of locking	Rail mounting
Length (mm)	55.6
Width (mm)	10
Height (mm)	62.7
Number of positions	□1P
Level	Single level
Connection points	3

Material information

Insulation material	PA
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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)	57
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	0.5
Conductor cross section solid.max (mm²)	16
Conductor cross section stranded. min (mm²)	0.5
Conductor cross section stranded. max (mm²)	10
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	10
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	10
2 conductors with same cross section, solid, min (mm²)	0.5
2 conductors with same cross section, solid, max (mm²)	6
2 conductors with same cross section, stranded, min (mm²)	0.5
2 conductors with same cross section, stranded, max (mm²)	6
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	6
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	6
Screw thread	M4
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Philips screwdriver size	PH1
Recommend tightening torque. min (N.m)	1.2

Recommend tightening torque. max (N.m)	1.3
Stripping Length (mm)	12~14
Mounting rail	TS-35 、TS-35/15
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)	60
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	60
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	6
Min. stranded wire connection AWG acc. to UL/CUL	20
Max. stranded wire connection AWG acc. to UL/CUL	6

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)	20~6
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	60
Wire Range (Group C)(AWG)	20~6
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	60

CUL Recognized

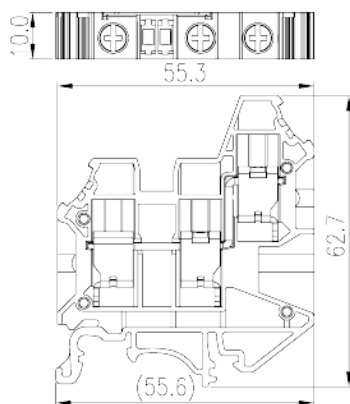
Wire Range (Group B)(AWG)	20~6
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	60
Wire Range (Group C)(AWG)	20~6

Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	60

VDE Approval

Wire Range (mm ²)	0.5~10
Rated voltage (V)	1000
Rated current (A)	57

Drawings



Approvals



Accessories



TM50LW

Marking Label

For BEST APPLICATION : DP10, DP10-PE, DP10-TN, DP10-TN-PE, DKD10-P001, DPHD10-P001, DPH10 Series, AK10, AK10-PE, AK10-TN, AK10-TN-PE, DK10N, DK10N-PE, DK10N-TN, SS6N AVAILABLE APPLICATION : DP16, DP16-PE, DP16-TN, DP16-TN-PE, DPH16 Series, AK16, AK16-PE, AK16-TN, AK35, DK10-PE, DK16N, DK16N-PE, DK16H, DK16-PE, DK16T, DK35N, DK35H, DK35H-PE, DK50, DK50-PE, DK95, DK95-PE, DK150, DK240, DKM Series White color. Using UL94-V0 class of insulation material.

	DKNSPS-002-OR Partition Plate For DK6N, DK10N, DK6N-TN, DK10N-TN. Orange color. Using UL94-V0 class of insulation material.
	CSC-10XXPN Insertion Bridge For DK10N, DK10N-TN. Beige 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.
	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.
	DK10NC-TN End Cover For DK10N-TN Beige color. Using UL94-V0 class of insulation material.
	TM-R200 Continuous Flat Marking Labels
	DSS10N-XXP Plug-in bridge For DK10N, DK10N-TN. Red color. Using UL94-V0 class insulation material.

