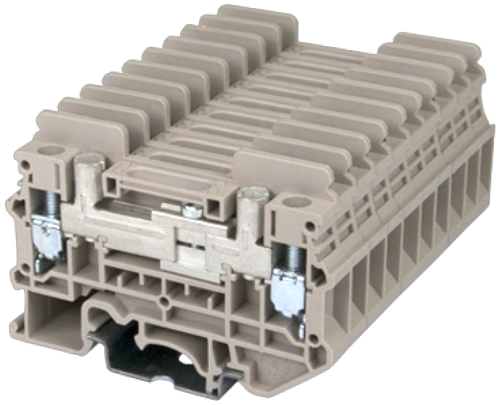
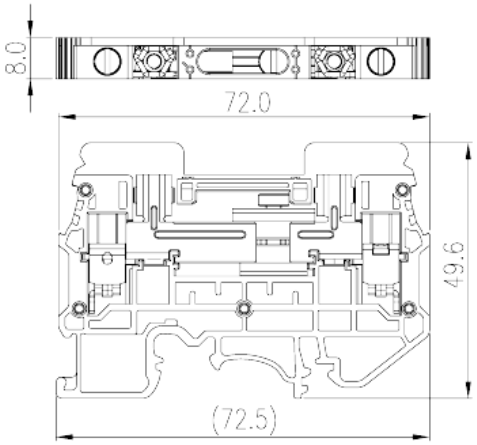
DKTD6N

DIN Rail Terminal Blocks > Screw Connection

Date:2025-10-29Version: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

M4, 300V, 42A, Beige (default)

General information

Short description	Disconnect Test Terminal Block, Screw Connection
Category	Disconnect Test Terminal Block
Color	Beige (default)
Connection method	Screw connection
Type of locking	Rail mounting
Length (mm)	72.5
Width (mm)	8
Height (mm)	49.6
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

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Insulation resistance	□500MΩ at DC 500V

Connection data-IEC

Rated voltage (V)	800
Rated current (A)	41
Rated voltage (III/3)(V)	800
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	0.5
Conductor cross section solid.max (mm²)	10
Conductor cross section stranded. min (mm²)	0.5
Conductor cross section stranded. max (mm²)	6
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	6
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	6
2 conductors with same cross section, solid, min (mm²)	0.5
2 conductors with same cross section, solid, max (mm²)	4
2 conductors with same cross section, stranded, min (mm²)	0.5
2 conductors with same cross section, stranded, max (mm²)	4
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)	2.5
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)	4
Screw thread	M4&M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4.0
Stripping Length (mm)	9~10
Mounting rail	TS-35、TS-35/15
End cover plate required	YES
Grounding connections	NO

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Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	42
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	42
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	8
Min. stranded wire connection AWG acc. to UL/CUL	20
Max. stranded wire connection AWG acc. to UL/CUL	8

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)	20~8
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	42
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	42

CUL Recognized

Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	42
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	42

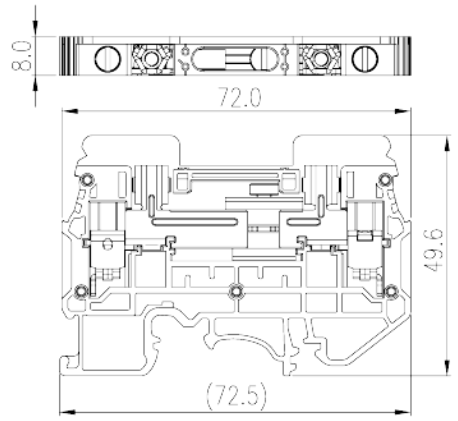
VDE Approval

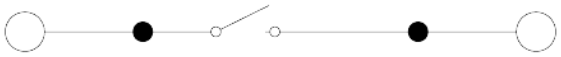
Wire Range (mm^2)	0.5~6

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Rated voltage (V)	800
Rated current (A)	41

Drawings





Approvals

Accessories



DKNSPS-006-OR

Partition Plate

For DKTD6N. Orange color. Using UL94-V0 class of insulation material.



TM49LW

Marking Label

For BEST APPLICATION： DP6N, DP6N-PE, DP6N-TN, DP6N-TN-PE, DP6N-TR, DP6N-TR-PE, DP6N-TFV, DP6N-TFVLXX, DPTD6N, DPTL6N, DPH6 Series, AK6, AK6-PE, AK6-TN, AK6-TN-PE, AK6-TR, AK6-TR-PE, SS7N, DKK4-TF, DK4N-TF, DK4N-TFL, DK6N, DK6N-PE, DK6N-TN, DKTD6N, DK6S, DK6P, PM6N-XXP, SS4N, SS5N, SS8, SS11, SS13 White color. Using UL94-V0 class of insulation material.

DKNSPS-007-OR

Partition Plate

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For DKTD6N. Orange color. Using UL94-V0 class of insulation material.



DS6B01-XX

Insertion Bridge

For DKTD6N. Material is copper alloy then tin-plated on surface.



DS6B02-XX

Insertion Bridge

For DKTD6N. Material is copper alloy then tin-plated on surface



DKTD6N-KP

Cover

For DKTD6N. White color. Using UL94-V0 class of insulation material.



DKBC150-1000

Cover

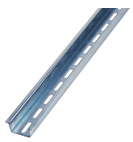
For DKB150, DKB150-XXPCK, DKBH285-XXPCK, DKBH420-XXPCK. Using UL94-V2 class of insulation material.



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.

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TM-R200

Continuous Flat Marking Labels



DKTD6NC

End Cover

For DKTD6N Beige color. Using UL94-V0 class of insulation material.

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