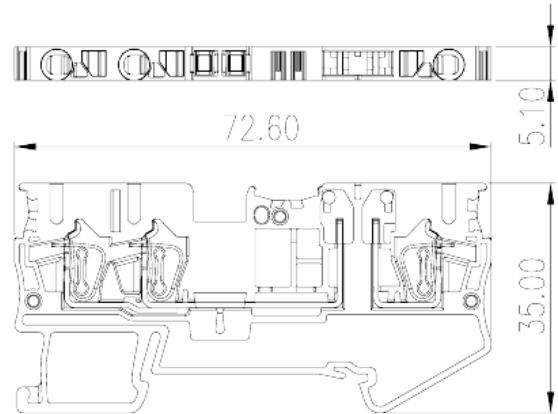
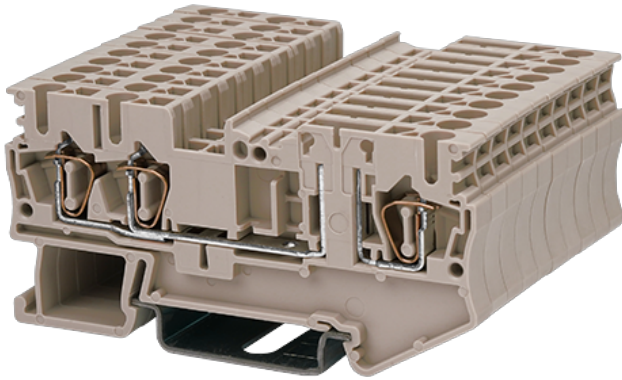


AK2.5-TN-T

DIN Rail Terminal Blocks > Spring Clamp 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

300V, 16A, Beige (default)

General information

Short description	Disconnect Terminal Block, Spring Clamp Connection
Category	Disconnect Terminal Block
Color	Beige (default)
Connection method	Spring Clamp Connection
Length (mm)	72.6
Width (mm)	5.1
Height (mm)	35 36.5 (TS-35N) / 44 (TS-35/15N)
Level	Single level
Connection points	2

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	$\geq 500\text{M}\Omega$ at DC 500V

Connection data-IEC

Rated voltage (V)	400
Rated current (A)	21
Rated voltage (III/3)(V)	400
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm ²)	0.2
Conductor cross section solid.max (mm ²)	2.5
Conductor cross section stranded. min (mm ²)	0.2
Conductor cross section stranded. max (mm ²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	2.5
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)	1
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)	10~11
Mounting rail	TS-35N、TS-35/15N
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)	10
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	16
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	28
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	28

Max. stranded wire connection AWG acc. to UL/CUL	12
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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)	28~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	16
Wire Range (Group C)(AWG)	28~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	16
Wire Range (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

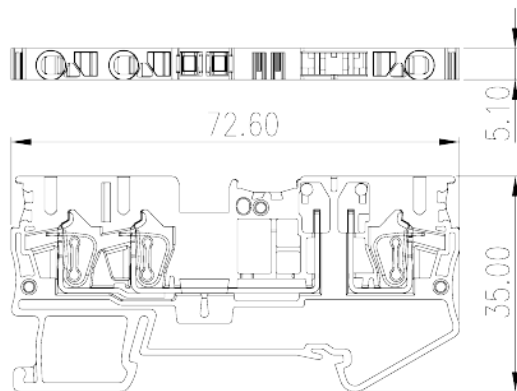
CUL Recognized

Wire Range (Group B)(AWG)	28~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	16
Wire Range (Group C)(AWG)	28~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	16
Wire Range (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

VDE Approval

Wire Range (mm ²)	0.2~2.5
Rated voltage (V)	400
Rated current (A)	21

Drawings



Approvals



Accessories



DSD01-2.5XXN

Plug-in bridge

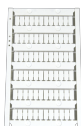
For DP2.5N Series, DPP2.5N Series, DP2.5N-3L Series, DP2.5SG Series, DPES2.5, DPES2.5-PE, DKD10-P001, DPHD10-P001, DPD16-P001, DPD10-P001, DPH2.5 Series, DPPES2.5, DPPES2.5-PE, AK2.5 Series, AKK2.5, AKK2.5-D01, AKK2.5-D02, AKK2.5-D03, AKK2.5-D04, AKK2.5-PV Red color. Using UL94-V0 class of insulation material.



TM42LW

Marking Label

For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DPP2.5N Series, DP2.5N-3L, DP2.5N-3L-PV, DP2.5N-3L-L3PE, DP2.5N-3L-PE, DPH1.5SGU, DK2.5S, DK1.5SG Series, PM2.5N-XXP, PM2.5WN-XXP, PMM2.5WN-XXP, AKK2.5, AKK2.5-PV, AKK2.5-PE, AKK2.5-D Series, DK2.5L-3L, DK2.5P AVAILABLE APPLICATION : DPES2.5, DPES2.5-PE, DP2.5PG, DP2.5SG Series, DPPES2.5, DPPES2.5-PE White color. Using UL94-V0 class of insulation material.



TM47LW

Marking Label

For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series
AVAILABLE APPLICATION : DKES1.5, DK2.5-PE White color. Using UL94-V0 class of insulation material.



AKSPS-004-OR

Partition Plate

For DP1.5N-TR, DP2.5N-TR, DP1.5N-TR-PE, DP2.5N-TR-PE, AK1.5-TR, AK2.5-TR, AK2.5-TN-TG. Orange color. Using UL94-V0 class of insulation material.



AK2.5C-TR

End Cover

For AK2.5-TR Beige color. Using UL94-V0 class of insulation material.



TS-35

DIN-Rail

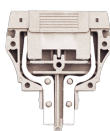
For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.



0208-E001

Spacer

For DPH2.5 Series, DP2.5N Series, DPP2.5N Series, DPD10-P001, DKD10-P001, DPHD10-P001, DPD16-P001, DP2.5SG, DP2.5SG-L24*, DP2.5SGT, DP2.5SGT-L24*, DP2.5SG, DP2.5SG-L24*, DP2.5SGR, DP2.5SGR-L24*, DP2.5SGRT, DP2.5SGRT-L24*, DPES2.5, DPPES2.5, DPES2.5-PE, DPPES2.5-PE, DP2.5N-T, AK2.5 Series Red color. Using UL94-V0 class of insulation material.



AKP-CP

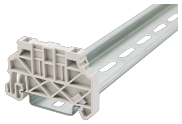
Component plug

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

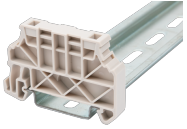
	For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.
	0208-T001 Test Plug For DPH2.5 Series, DP2.5N Series, DPP2.5N Series, DPD10-P001, DKD10-P001, DPHD10-P001, DPD16-P001, DP2.5SG, DP2.5SG-L24*, DP2.5SGT, DP2.5SGT-L24*, DP2.5SG, DP2.5SG-L24*, DP2.5SGR, DP2.5SGR-L24*, DP2.5SGRT, DP2.5SGRT-L24*, DPES2.5, DPPES2.5, DPES2.5-PE, DPPES2.5-PE, DP2.5N-T, AK2.5 Series Red color. Using UL94-V0 class of insulation material.
	TS-35C DIN rail end cap For TS-35 rail. Black color. Using UL94-V2 class of insulation material.
	AKP-TP Plug-in bridge 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.
	TM-R100 Continuous Flat Marking Labels
	TM-R200 Continuous Flat Marking Labels
	DSD06-2.5XXXT Plug-in bridge For DP2.5N Series, DPP2.5N Series, DP2.5N-3L Series, DP2.5SG Series, DPES2.5 Series, DPD10-P001, DKD10-P001, DPHD10-P001, DPD16-P001, DPH2.5 Series, AK2.5 Series, AKK2.5 Series, DPPES2.5, DK2.5L-3L Red color. Using UL94-V0 class of insulation material.



SS13

End Bracket

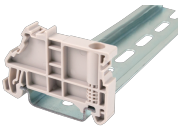
For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



SS5N

End Bracket

For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



SS2N

End Bracket

For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.