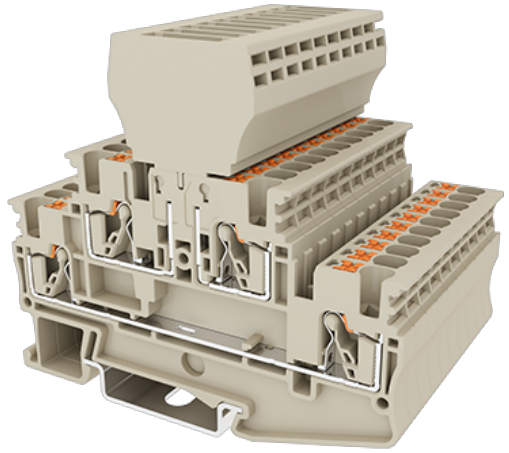
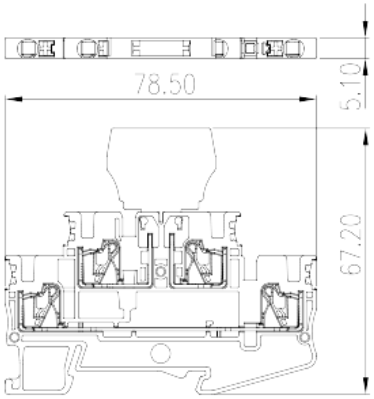
DPP2.5N-CP

DIN Rail Terminal Blocks > Push-in Design

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, Upper : 6A / Lower : 20A, Beige (default)

General information

Short description	Bi-level Disconnect Terminal Block, Push-in Design
Category	Bi-level Disconnect Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	78.5
Width (mm)	5.1
Height (mm)	67.2
Number of positions	≧2P
Level	Double level
Connection points	4

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)	400
Rated current (A)	20
Rated voltage (III/3)(V)	400
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	4
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with 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)	0.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)	10
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)	Upper : 6A / Lower : 20A
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	Upper : 6A / Lower : 20A
Min. solid wire connection (AWG) acc. to UL/CUL	26
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	26
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

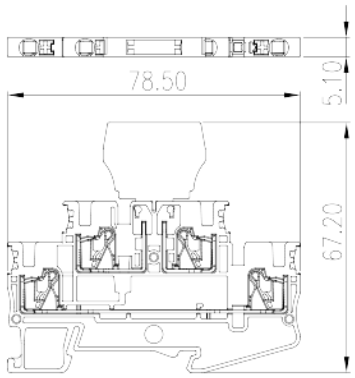
UL Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	Upper : 6A / Lower : 20A
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	Upper : 6A / Lower : 20A

CUL Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	Upper : 6A / Lower : 20A
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	Upper : 6A / Lower : 20A

Drawings



Approvals

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Accessories

DSD01-2.5XXN

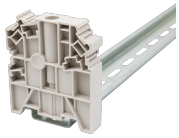
Plug-in bridge

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.



SS6N

End Bracket

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

SS11

End Bracket

For TS-35, TS-35/15 rails. 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.

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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.

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.

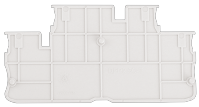
TS-35C

DIN rail end cap

For TS-35 rail. Black color. Using UL94-V2 class of insulation material.

TM-R100

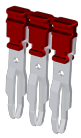
Continuous Flat Marking Labels



DPP2.5C-T

End Cover

For DPP2.5N-TP, DPP2.5N-TG, DPP2.5N-CP Beige color. Using UL94-V0 class of insulation material.



DSD06-2.5XXXT

Plug-in bridge

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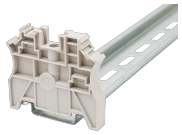
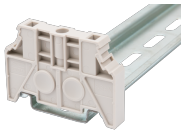
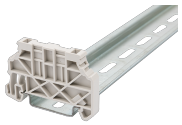
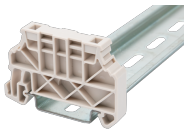
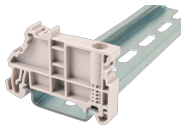
	AK2.5 Series, AKK2.5 Series, DPPES2.5, DK2.5L-3L Red color. Using UL94-V0 class of insulation material. For DP2.5N Series, DPP2.5N Series, DP2.5N-3L Series, DP2.5SG Series, DPES2.5 Series, DPD10-P001, DKD10-P001, DPHD10-P001, DPD16-P001, DPH2.5 Series,
	SS7N End Bracket For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.
	SS4N End Bracket For TS-35, TS-35/15 rails. Beige 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.

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