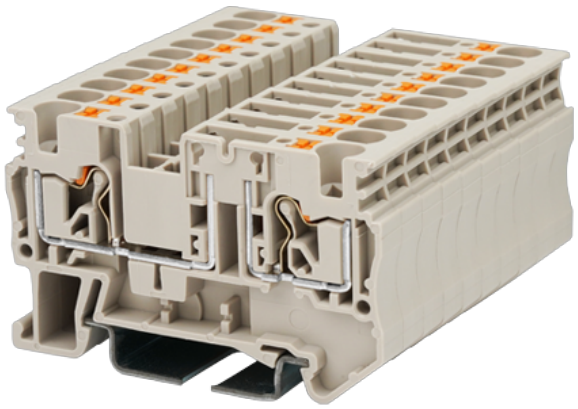
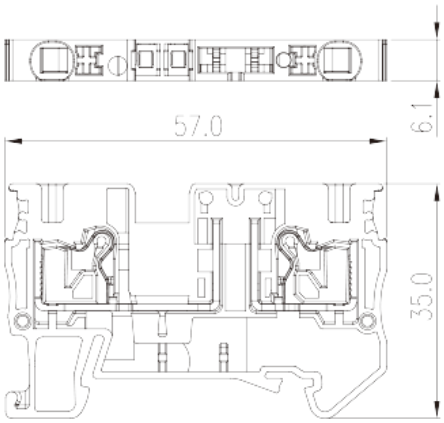
DP4N-T

DIN Rail Terminal Blocks > Push-in Design

Date:2026-06-18





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Product Description

300V, 20A, Beige (default)

General information

Short description	Basic Disconnect Terminal Block, Push-in Design
Category	Disconnect Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	57
Width (mm)	6.1
Height (mm)	35/ 36.5(TS-35N),44(TS-35/15N)
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)	500
Rated current (A)	20
Rated voltage (III/3)(V)	500
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	6
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	4
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	4
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)	1
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8X4
Stripping Length (mm)	12
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)	20
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	20
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	10
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	10

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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

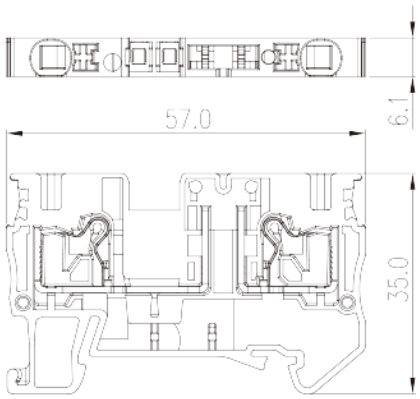
UL Recognized

Wire Range (Group B)(AWG)	24~10
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	24~10
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	20

CUL Recognized

Wire Range (Group B)(AWG)	24~10
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	24~10
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	20

Drawings



Approvals

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Accessories

DSD01-4XXN

Plug-in bridge

For DP4N, DP4N-TN, DP4N-TR, DP4N-PE, DP4N-TN-PE, DP4N-TR-PE, DPP4N Series, DP4N-TP, DP4N-TG, DP4N-CP, DP4N-TF, DP4N-TFLXX, DP4N-TFU, DP4N-TFULXX, DP4N-T, DP4N-M, DP4N-MLXX, AK4, AK4-TN, AK4-TR, AKK4, AK4-TG, AK4-TF, AK4-TFLXX, AK4-T, AK4-M, AK4-MLXX, DP2.5NU Series, DPP2.5NU Series. Red color. Using UL94-V0 class of insulation material.

TM43LW

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, DPP4N Series, DP4N-T Series, DP4N-TF Series, DP2.5NU Series, DPP2.5NU Series, DK2.5LU-3L, DK4P, AKK4, AK4-TF, AK4-T Series, DK4S, PM4N-XXP, SS2N White color. Using UL94-V0 class of insulation material.

TS-35

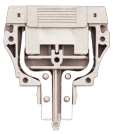
DIN-Rail

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

0208-E002

Spacer

For DP4N Series, DPP4N 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.

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TS-35/15

DIN-Rail

For DK / DK-PE series. Material is iron. Length of 1000mm / 2000mm.

0208-T002

Test Plug

For DP4N Series, DPP4N Series Red color. Using UL94-V0 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

DP4C-TFU

End Cover

For DP4-TFU / DP4-TFU(5x20) Beige color. Using UL94-V0 class of insulation material.

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