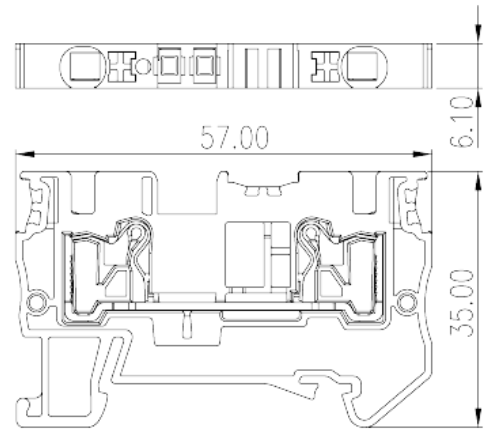
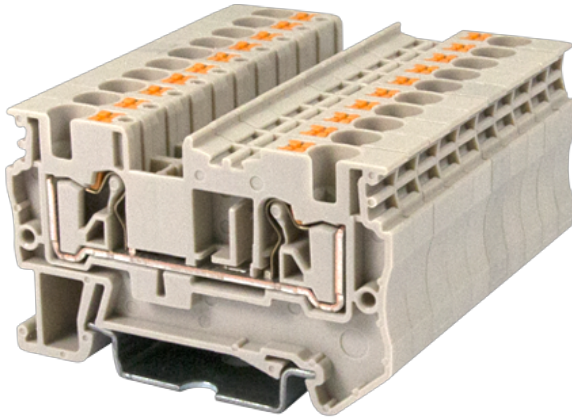


DP4N

DIN Rail Terminal Blocks > Push-in Design

Date:2026-06-18Version:1.1



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

600V, 30A, Beige (default)

General information

Short description	Single level Feed-Through Terminal Block, Push-in Design
Category	Single level Feed Through 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
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
Insulation resistance	$\geq 500\text{M}\Omega$ at DC 500V

Connection data-IEC

Rated voltage (V)	800
Rated current (A)	32
Rated voltage (III/3)(V)	800
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm ²)	0.2
Conductor cross section solid.max (mm ²)	6
Conductor cross section stranded. min (mm ²)	0.2
Conductor cross section stranded. max (mm ²)	4
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)	4
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)	4
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)	0.8x4.0
Stripping Length (mm)	12
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)	30
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	30
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	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

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)	600
Rated current (Group B)(A)	30
Wire Range (Group C)(AWG)	24~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	30
Wire Range (Group D)(AWG)	24~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

CUL Recognized

Wire Range (Group B)(AWG)	24~10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	30
Wire Range (Group C)(AWG)	24~10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	30
Wire Range (Group D)(AWG)	24~10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

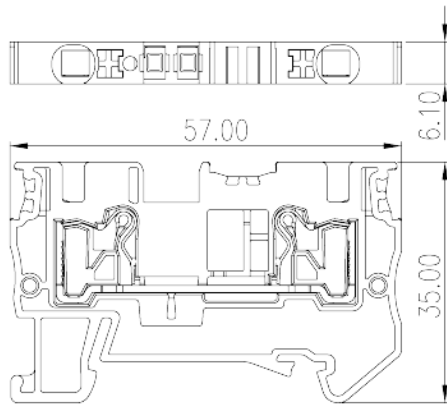
VDE Approval

Wire Range (mm ²)	0.2~4
Rated voltage (V)	800

Rated current (A)

32

Drawings



Approvals



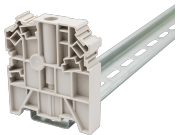
Accessories



DP4C

End Cover

For DP4N Beige 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.



MKG-003

Label

For SS2N, SS6N, SS7N, DP Series, AK Series. 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.



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.



MKG-004

Label

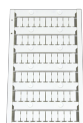
For SS2N, SS6N, SS7N, DP Series, AK Series. Using UL94-V0 class of insulation material.



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.



TM48LW

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, DK4N Series, DKK4N Series. AVAILABLE APPLICATION : DK4-PE White color. Using UL94-V0 class of insulation material.

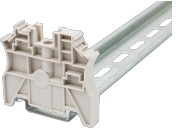
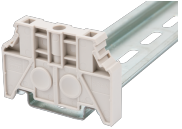
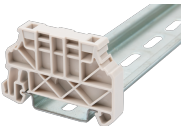
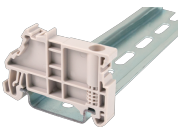


TS-35

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.
	TS-35C DIN rail end cap For TS-35 rail. Black color. Using UL94-V2 class of insulation material.
	0208-T002 Test Plug For DP4N Series, DPP4N Series Red color. Using UL94-V0 class of insulation material.
	TM-R100 Continuous Flat Marking Labels
	TM-R200 Continuous Flat Marking Labels
	DSD03-1.5/4 Plug-in bridge For DP1.5N, DP4N, DP1.5N-TN, DP4N-TN, DP1.5N-TR, DP4N-TR Red color. Using UL94-V0 class of insulation material.
	DSD03-2.5/4 Plug-in bridge For DP2.5N Series, DP4N Series, DPD10-P001, DPD16-P001, DKD10-P001, DPHD10-P001 Red color. Using UL94-V0 class of insulation material.
	DP4CA End Cover For DP4N Beige color. Using UL94-V0 class of insulation material.

	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.
	AKSPS-001-OR Partition Plate For DP1.5N, DP2.5N, DP4N, DP1.5N-PE, DP2.5N-PE, DP4N-PE, DPH1.5, DPH1.5-PE, DPH2.5, DPH2.5-PE, DPH2.5-DP, DPH2.5-DP-PE, AK1.5, AK2.5, AK4 Orange color. Using UL94-V0 class of insulation material.