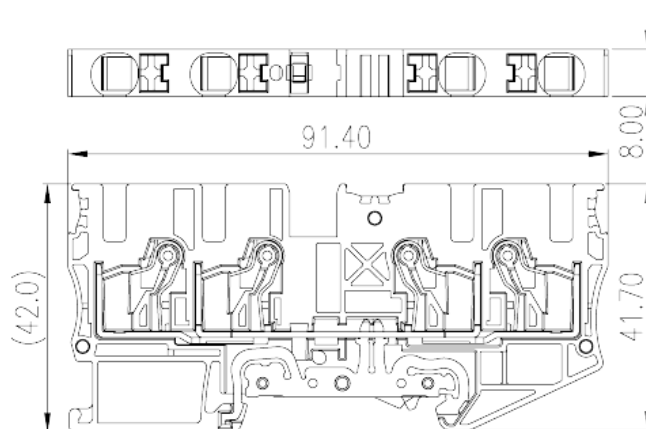
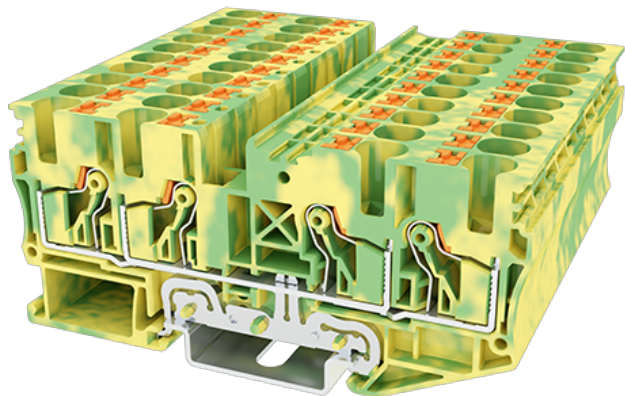


DP6N-TR-PE

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

600V, Green-Yellow (default)

General information

Short description	Grounding Terminal Block, Push-in Design
Category	Grounding Terminal Block
Color	Green-Yellow (default)
Connection method	Push-in Design
Type of locking	Rail mounting
Length (mm)	91.4
Width (mm)	8
Height (mm)	42
Number of positions	≥1P
Level	Single level
Connection points	4

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
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Connection data-IEC

Rated voltage (V)	1000
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm ²)	0.5
Conductor cross section solid.max (mm ²)	10
Conductor cross section stranded. min (mm ²)	0.5
Conductor cross section stranded. max (mm ²)	6
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	6
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	6
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)	1.5
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	YES

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated voltage (UL/CUL Group C)(V)	600
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
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Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

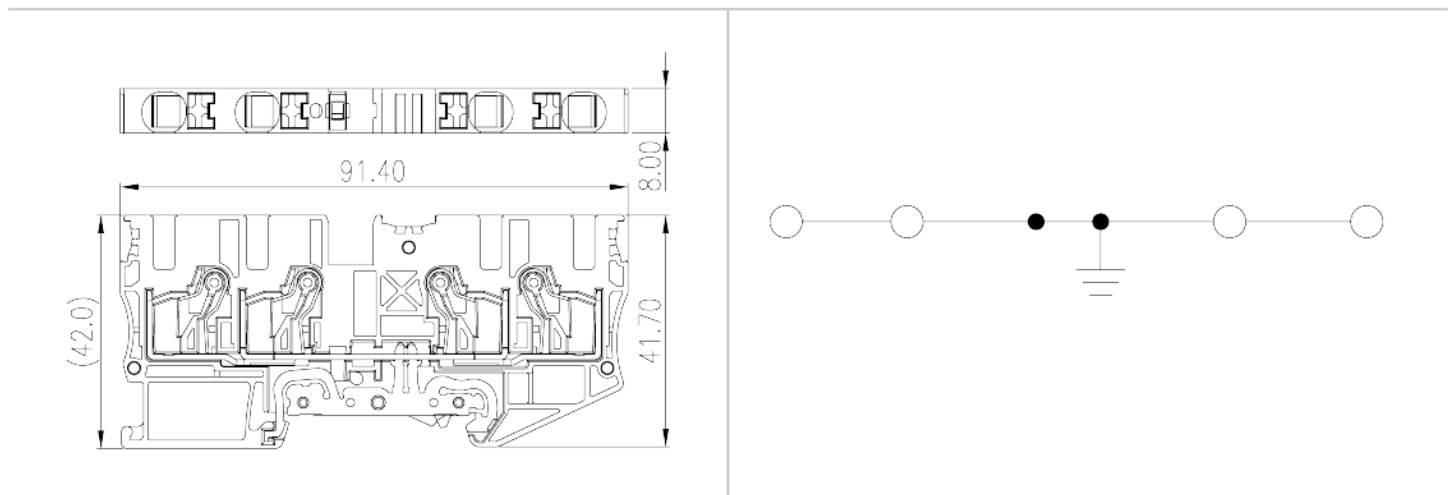
UL Recognized

Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	600
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	600

CUL Recognized

Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	600
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	600

Drawings

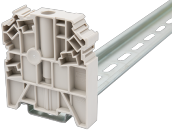


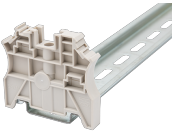
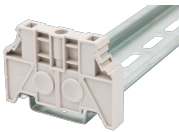
Approvals

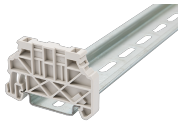


Accessories

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	DP6C-TR End Cover For DP6N-TR 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.
	SS11 End Bracket For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.
	TM44LW 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, DP4N-TFH, DP4N-TFHL, DP6N-TF, DP6N-TFL, DPHTD6, DPHTDL6, DKD35-P001, DKD35-P002, DKD35-P003, AK6, AK6-PE, AK6-TN, AK6-TN-PE, AK6-TR, AK6-TR-PE, SS7N, PM10-XX White 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.
	TS-35 DIN-Rail For DP / DK..N / DK.. / AK / DKB / DKU.. /DKM.. series. Material is iron. Length of 1000mm / 2000mm.
	0208-E003 Spacer

	insulation material. For DPH6 Series, DP6N Series, DKD35-P001, DKD35-P002, DP6N-TFV, DP6N-TFVLXX*, DPTD6N, DPTD6N-D05, DPTD6N-D06 Red color. Using UL94-V0 class of TS-35C DIN rail end cap For TS-35 rail. Black color. Using UL94-V2 class of insulation material.
	0208-T003 Test Plug For DPH6 Series, DP6N Series, DKD35-P001, DKD35-P002, DP6N-TFV, DP6N-TFVLXX*, DPTD6N, DPTD6N-D05, DPTD6N-D06 Red color. Using UL94-V0 class of insulation material.
	TM-R100 Continuous Flat Marking Labels
	TM-R200 Continuous Flat Marking Labels
	SS7N End Bracket For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.
	DSD01-6XXN Plug-in bridge For DP6N, DP6N-TN, DP6N-TR, DP6N-PE, DP6N-TN-PE, DP6N-TR-PE, DP6N-TFV, DP6N-TFVLXX, DPTD6N, DPTL6N, DPTD6N-D05, DPTD6N-D06, DPHTD6, DPHTDL6, DPH6 Series, DKD35-P001, DKD35-P002, DP6N-TF-6.3X32, DP6N-TFL-6.3X32, AK6, AK6-TN, AK6-TR Red 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

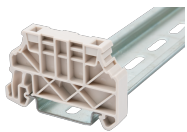
For TS-35, TS-35/15 rails. Beige color. Using UL94-V0 class of insulation material.



DSD03-2.5/6

Plug-in bridge

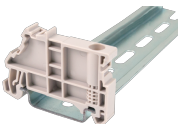
For DP2.5N Series, DP6N Series, DKD35-P001, DKD35-P002, DPD10-P001, DPD16-P001, DKD10-P001, DPHD10-P001 Red color. Using UL94-V0 class of insulation material.



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.