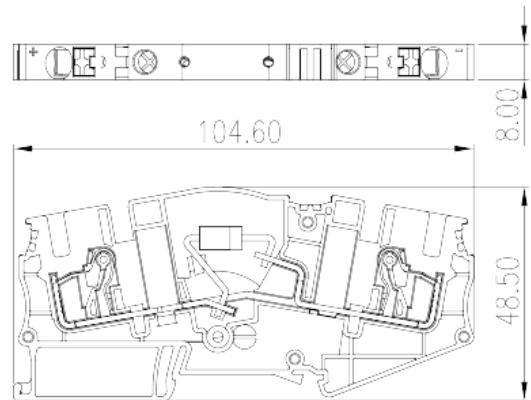
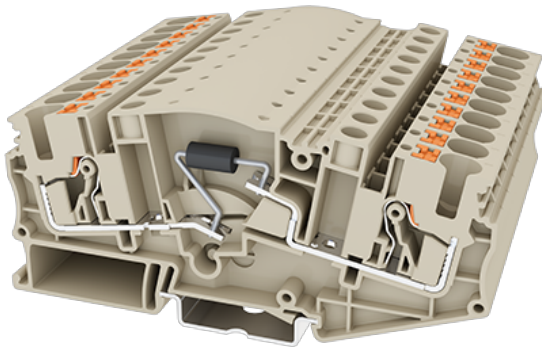


DPTD6N-D05

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, 1.3A, Beige (default)

General information

Short description	Diode Terminal Block, Push-in Design
Category	Diode Terminal Block
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	104.6
Width (mm)	8
Height (mm)	48.5
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)	1000
Rated current (A)	1.3
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
Stripping Length (mm)	12
Mounting rail	TS-35
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)	1.3
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	1.3
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
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

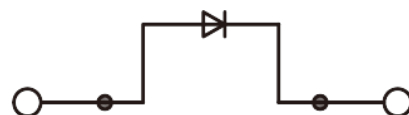
UL Recognized

Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	1.3
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	1.3

CUL Recognized

Wire Range (Group B)(AWG)	20~8
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	1.3
Wire Range (Group C)(AWG)	20~8
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	1.3

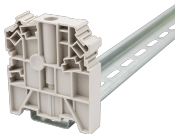
Drawings

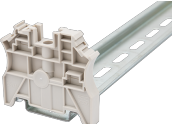


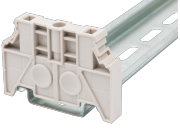
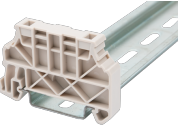
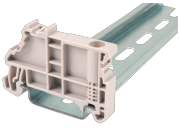
Approvals



Accessories

	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.
	DPTD6C End Cover For DPTD6N/DPTL6N/ DPTD6N-D05/ DPTD6N-D06 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-E003 Spacer 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.
	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

	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. For DP6N, DP6N-TN, DP6N-TR, DP6N-PE, DP6N-TN-PE, DP6N-TR-PE, DP6N-TFV,
	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.