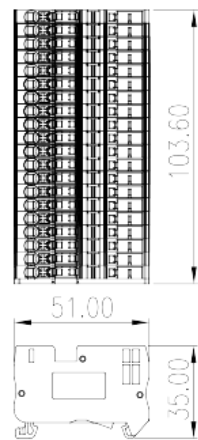
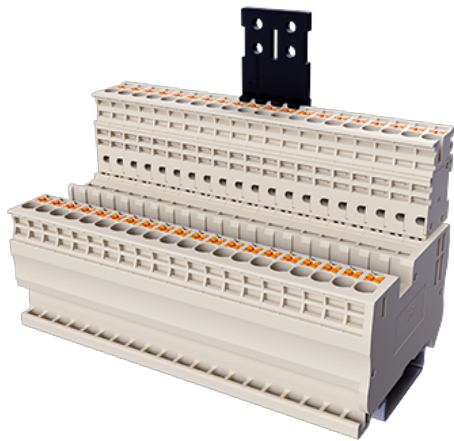


DPES2.5QK05

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, 20A, Beige (default)

General information

Short description	Plug-in Connection Terminal Block, Push-in Design
Category	Plug-in Connection Terminal Block
Pitch (mm)	5.08
Color	Beige (default)
Connection method	Push-in Design
Type of locking	Rail Mounting
Length (mm)	103.6
Width (mm)	60
Height (mm)	84
Number of positions	20P
Level	Single level
Connection points	40

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)	24
Rated impulse voltage (II/2)(KV)	800
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm ²)	0.2
Conductor cross section solid.max (mm ²)	4
Conductor cross section stranded. min (mm ²)	0.2
Conductor cross section stranded. max (mm ²)	2.5
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)	2.5
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)	2.5
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)	0.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)	9~10
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)	20
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	20
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

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

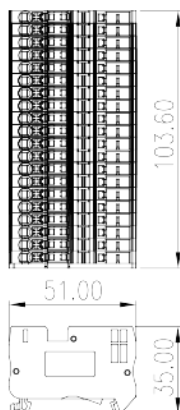
UL Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	20

CUL Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	26~12
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	20

Drawings



Approvals



Accessories



DSD01-2.5XXN

Plug-in bridge

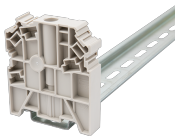
For DP2.5N Series, DPP2.5N Series, DP2.5N-3L Series, DP2.5SG Series, DPES2.5, DPES2.5-PE, DKD10-P001, DPHD10-P001, DPD16-P001, DPD10-P001, DPH2.5 Series, DPPE2.5, DPPE2.5-PE, AK2.5 Series, AKK2.5, AKK2.5-D01, AKK2.5-D02, AKK2.5-D03, AKK2.5-D04, AKK2.5-PV Red color. Using UL94-V0 class of insulation material.



TM42LW

Marking Label

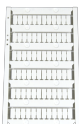
For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DPP2.5N Series, DP2.5N-3L, DP2.5N-3L-PV, DP2.5N-3L-L3PE, DP2.5N-3L-PE, DPH1.5SGU, DK2.5S, DK1.5SG Series, PM2.5N-XXP, PM2.5WN-XXP, PMM2.5WN-XXP, AKK2.5, AKK2.5-PV, AKK2.5-PE, AKK2.5-D Series, DK2.5L-3L, DK2.5P AVAILABLE APPLICATION : DPES2.5, DPES2.5-PE, DP2.5PG, DP2.5SG Series, DPPE2.5, DPPE2.5-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.



TM47LW

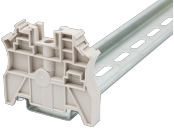
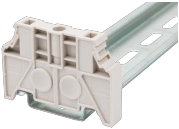
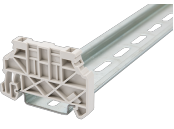
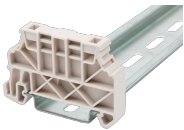
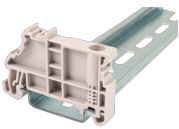
Marking Label

For BEST APPLICATION : DP2.5N Series, DP2.5N-3L-SPE, DPH2.5 Series, AK2.5 Series, DKES1.5N2, DKES1.5N3, DK2.5N Series, DKK2.5N Series, DK2.5N-3L Series AVAILABLE APPLICATION : DKES1.5, DK2.5-PE White 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.
	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.
	TM-R100 Continuous Flat Marking Labels
	TM-R200 Continuous Flat Marking Labels

	DSD06-2.5XXXT Plug-in bridge 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, AK2.5 Series, AKK2.5 Series, DPPES2.5, DK2.5L-3L Red 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.
	DPES2.5C End Cover For DPES2.5QK01, DPES2.5QK02, DPES2.5QK03, DPES2.5QK04, DPES2.5QK05, DPES2.5 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.

