

TD Compact Four Pole Distribution Block, 100/125 A

Data Solutions



CERTIFICATIONS





FEATURES

Minimum space for maximum power

Protection cover and insulating screens are transparent

Insulating screen between each row

Easy and safe connections

Easily clips onto DIN rail or mounts to panel with screws

Solid bars provide reliability

Input separated from outputs

Strong mechanical assembly

Neutral bar available

RoHS compliant

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

Halogen free

SPECIFICATIONS

Material: Thermoplastic; Brass

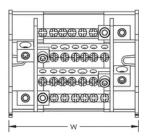
Catalog Number	TD-100-125A	TD-100-125AL	TD-100-125ALL			
Article Number	563820	563830	563840			
Max Current Rating, IEC	125A	125A	125A			
Short Term Withstand Current (Icw) 1s	4.5kA	4.5kA	4.5kA			
Peak Short Circuit Current (Ipk)	30kA	30kA	21kA			
Max Working Voltage, IEC (Ui)	690V	690V	690V			
Line Side Number of Connections	1	1	1			
Line Side Compact Stranded Wire Size	10 - 35 mm²	10 - 35 mm²	10 - 35 mm²			
Line Side Stranded Wire Size - Ferrule	10 – 35mm²	10 – 35mm²	10 – 35mm²			
Load Side Number of Connections	6	10	14			
Load Side Compact Stranded Wire Size	(5) 2,5 - 6 mm ² (1) 10 - 25 mm ²	(7) 2,5 - 6 mm ² (3) 10 - 25 mm ²	(11) 2,5 - 6 mm ² (1) 10 - 25 mm ² (2) 10 - 35 mm ²			
Load Side Stranded Wire Size - Ferrule	(5) 1,5 – 6 mm ² (1) 6 – 16 mm ²	(7) 1,5 – 6 mm ² (3) 6 – 16 mm ²	(11) 1,5 – 6 mm ² (1) 6 – 16 mm ² (2) 10 – 25 mm ²			
Depth (D)	50mm	50mm	50mm			
Height (H)	90mm	90mm	90mm			
Width (W)	109mm	147mm	182mm			
Unit Weight	0.33kg	0.44kg	0.55kg			
Flammability Rating	UL® 94V-0	UL® 94V-0	UL® 94V-0			
Complies With	IEC® 60947-7-1	IEC® 60947-7-1	IEC® 60947-7-1			

ADDITIONAL PRODUCT DETAILS

Line side and load side number of connections are per pole.

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals												
Derating according to Ambient* Temperature (°C) to maintain working temperature of 85°C												
Ambient Temperature (°C)	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°		
Derating Coefficient (d)	1	1	1	0.94	0.88	0.82	0.75	0.67	0.58	0.47		
*environment around the terminal blocks inside the enclosure												

DIAGRAMS





WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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