

TD Compact Four Pole Distribution Block, 40 A



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

Wiring with or without terminal

RoHS compliant

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

Halogen free

SPECIFICATIONS

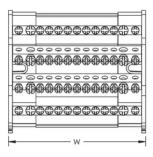
Catalog Number	TD-40A
Article Number	563740

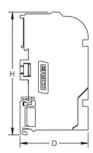
Catalog Number	TD-40A				
Material	Thermoplastic Brass				
Max Current Rating, IEC	40A				
Short Term Withstand Current (Icw) 1s	4.5kA				
Peak Short Circuit Current (Ipk)	22kA				
Max Working Voltage, IEC (Ui)	500				
Line Side Number of Connections	2				
Line Side Compact Stranded Wire Size	6 - 16 mm²				
Line Side Stranded Wire Size - Ferrule	4 - 10 mm²				
Load Side Number of Connections	11				
Load Side Compact Stranded Wire Size	(11) 1,5 - 4 mm ²				
Load Side Stranded Wire Size - Ferrule	(11) 0,75 – 4 mm ²				
Depth (D)	50mm				
Height (H)	90 mm				
Width (W)	100 mm				
Unit Weight	0.33 kg				
Flammability Rating	UL® 94V-0				
Complies With	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										





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.

North America

+1.800.753.9221 Option 1 - Customer Care Option 2 - Technical Support

Europe

Netherlands: +31 800-0200135 France: +33 800 901 793

Europe

Germany: 800 1890272 Other Countries: +31 13 5835404

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Shanghai: + 86 21 2412 1618/19 Sydney: +61 2 9751 8500



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