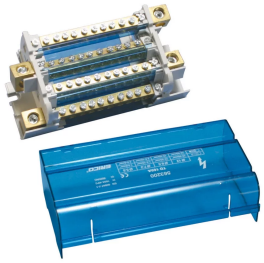
nVent | ERIFLEX

We connect and protect

TD Compact Four Pole Distribution Block, 160 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
- Input separated from outputs
- Neutral bar available
- 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

Material: Thermoplastic;Brass

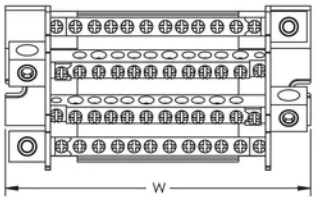
Catalog Number	TD-160A	TD-160AL
Article Number	563200	563990
Max Current Rating, IEC	160A	160A
Short Term Withstand Current (Icw) 1s	8.2kA	8.2kA
Peak Short Circuit Current (Ipk)	35kA	35kA
Max Working Voltage, IEC (Ui)	690V	690V
Line Side Number of Connections	1	1
Line Side Compact Stranded Wire Size	10 - 50 mm²	10 - 50 mm²
Line Side Stranded Wire Size - Ferrule	10 - 50 mm²	10 - 50 mm²
Load Side Number of Connections	11	11
Load Side Compact Stranded Wire Size	(1) 2,5 - 6 mm² (7) 2,5 - 16 mm² (3) 10 - 35 mm²	(8) 2,5 - 16 mm² (3) 10 - 35 mm²
Load Side Stranded Wire Size - Ferrule	(1) 1,5 – 6 mm² (7) 1,5 – 16 mm² (3) 10 – 25 mm²	(8) 1,5 – 16 mm² (3) 10 – 25 mm²
Depth (D)	50mm	70mm
Height (H)	90 mm	90 mm
Width (W)	175 mm	170 mm
Unit Weight	0.61 kg	0.74 kg
Flammability Rating	UL® 94V-0	UL® 94V-0
Complies With	IEC® 60947-7-1	IEC® 60947-7-1

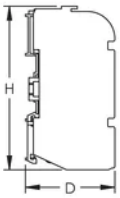
ADDITIONAL PRODUCT DETAILS

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.

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

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

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2025 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.