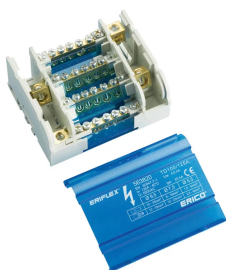


## FOUR POLE DISTRIBUTION BLOCK, 160 A, 1 LINE SIDE & 11 LOAD SIDE CONNECTIONS, 70MM DP

### CATALOG NUMBER

**TD-160AL**



### 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

PRODUCT ATTRIBUTES

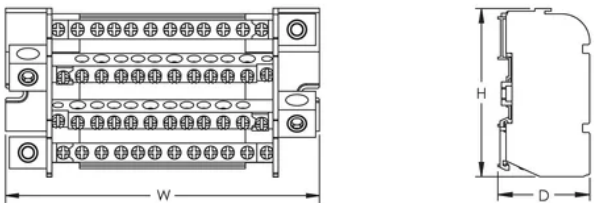
Article Number: 563990
Material: Thermoplastic; Brass
Max Current Rating, IEC: 160A
Short Term Withstand Current (Icw) 1s: 8.2kA
Peak Short Circuit Current (Ipk): 35kA
Max Working Voltage, IEC (Ui): 690V
Line Side Number of Connections: 1
Line Side Compact Stranded Wire Size: 10 - 50 mm²
Line Side Stranded Wire Size - Ferrule: 10 – 50mm²
Load Side Number of Connections: 11
Load Side Compact Stranded Wire Size: (8) 2,5 - 16 mm²; (3) 10 - 35 mm²
Load Side Stranded Wire Size - Ferrule: (8) 1,5 – 16 mm²; (3) 10 – 25 mm²
Depth (D): 70mm
Height (H): 90mm
Width (W): 170mm
Unit Weight: 0.74kg
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										

DIAGRAMS



## **WARNING**

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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](http://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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