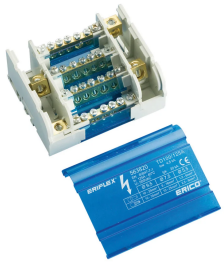
We connect and protect

Four Pole Distrib. Block, 160 A, 1 Line Side & 11 Load Side Connections, 70mm Dp

Data Solutions

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

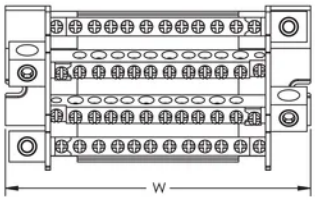
Complies With: IEC® 60947-7-1

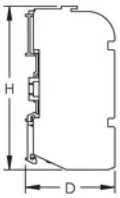
ADDITIONAL PRODUCT DETAILS

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

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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