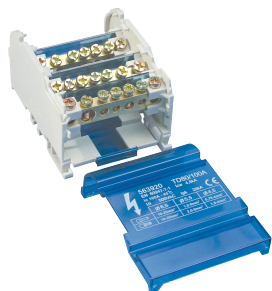


VIERPOLIGE DISTR.BLOK, 80/100 A, 1 AANSL. AAN INPUTZIJDE EN 6 AANSL. AAN OUTPUT

CATALOG NUMBER

TD-80-100A



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

Halogeenvrij

PRODUCTKENMERKEN

Article Number: 563920

Material: Thermoplastic;Brass

Max Current Rating, IEC: 100A

Short Term Withstand Current (I_{cw}) 1s: 4.5kA

Peak Short Circuit Current (I_{pk}): 20kA

Max Working Voltage, IEC (U_i): 500V

Line Side Number of Connections: 1

Line Side Compact Stranded Wire Size: 10 - 25 mm²

Line Side Stranded Wire Size - Ferrule: 10 - 25 mm²

Load Side Number of Connections: 6

Load Side Compact Stranded Wire Size: (3) 1,5 - 4 mm²;(3) 2,5 - 6 mm²

Load Side Stranded Wire Size - Ferrule: (3) 0,75 - 4 mm²;(3) 1,5 - 6 mm²

Depth (D): 50 mm

Height (H): 90 mm

Width (W): 64 mm

Unit Weight: 0,21 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.

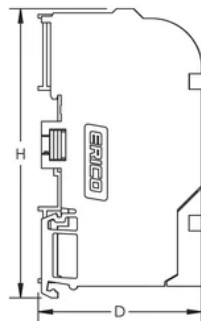
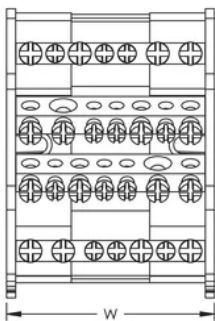
Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

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

DIAGRAMS



WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van www.nvent.com of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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