

# VIERPOLIG DISTR.BLOK, 100/125 A, 1 AANSL. AAN INPUTZIJDE EN 10 AANSL. AAN OUTPUT

#### **CATALOG NUMBER**

## TD-100-125AL



## **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

Strong mechanical assembly

Neutral bar available

RoHS compliant

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

Halogeenvrij

## PRODUCT ATTRIBUTES

Article Number: 563830

Material: Thermoplastic; Brass

Max Current Rating, IEC: 125 A

Short Term Withstand Current (Icw) 1s: 4.5 kA

Peak Short Circuit Current (Ipk): 30 kA

Max Working Voltage, IEC (Ui): 690 V

Line Side Number of Connections: 1

Line Side Compact Stranded Wire Size: 10 - 35 mm<sup>2</sup>

Line Side Stranded Wire Size - Ferrule: 10 - 35 mm<sup>2</sup>

Load Side Number of Connections: 10

Load Side Compact Stranded Wire Size: (7) 2,5 - 6 mm<sup>2</sup>;(3) 10 - 25 mm<sup>2</sup>

Load Side Stranded Wire Size - Ferrule: (7) 1,5 - 6 mm<sup>2</sup>;(3) 6 - 16 mm<sup>2</sup>

Depth: 50 mm

Height: 90 mm

Width: 147 mm

Unit Weight: 0.440 kg

Flammability Rating: UL® 94V-0

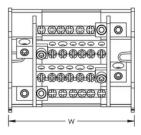
Complies With: IEC® 60947-7-1

#### 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 mail	ntain workir	ng temperati	ure 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

#### **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.

#### Noord-Amerika

+1.800.753.9221

Option 1 – Customer Care

Option 2 - Technical Support

# Europa

Netherlands:

+31 800-0200135

France:

+33 800 901 793

#### Europa

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 RAYCHEM SCHROFF

**TRACER** 

nVent.com