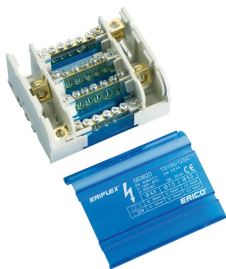


TD COMPACT FOUR POLE DISTRIBUTION BLOCK, 100/125 A



CERTIFICATIONS



CARACTERÍSTICAS

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

Halogen free

ESPECIFICAÇÕES

Material: Thermoplastic; Brass

Table 1/4

Número de catálogo	Article Number	Max Current Rating, IEC	Peak Short Circuit Current (I _{pk})	Line Side Stranded Wire Size - Ferrule	Line Side Compact Stranded Wire Size	Short Term Withstand Current (I _{cw}) 1s
TD-100-125A	563820	125A	30kA	10 – 35mm ²	10 - 35 mm ²	4.5kA
TD-100-125AL	563830	125A	30kA	10 – 35mm ²	10 - 35 mm ²	4.5kA
TD-100-125ALL	563840	125A	21kA	10 – 35mm ²	10 - 35 mm ²	4.5kA

Table 2/4

Número de catálogo	Article Number	Line Side Number of Connections	Load Side Number of Connections	Load Side Compact Stranded Wire Size	Load Side Stranded Wire Size - Ferrule	Max Working Voltage, IEC (Ui)
TD-100-125A	563820	1	6	(5) 2,5 - 6 mm ² , (1) 10 - 25 mm ²	(5) 1,5 – 6 mm ² , (1) 6 – 16 mm ²	690V
TD-100-125AL	563830	1	10	(7) 2,5 - 6 mm ² , (3) 10 - 25 mm ²	(7) 1,5 – 6 mm ² , (3) 6 – 16 mm ²	690V
TD-100-125ALL	563840	1	14	(11) 2,5 - 6 mm ² , (1) 10 - 25 mm ² , (2) 10 - 35 mm ²	(11) 1,5 – 6 mm ² , (1) 6 – 16 mm ² , (2) 10 – 25 mm ²	690V

Table 3/4

Número de catálogo	Article Number	Altura (H)	Largura (W)	Profundidade (D)	Peso unitário	Flammability Rating
TD-100-125A	563820	90mm	109mm	50mm	0.33kg	UL® 94V-0
TD-100-125AL	563830	90mm	147mm	50mm	0.44kg	UL® 94V-0
TD-100-125ALL	563840	90mm	182mm	50mm	0.55kg	UL® 94V-0

Table 4/4

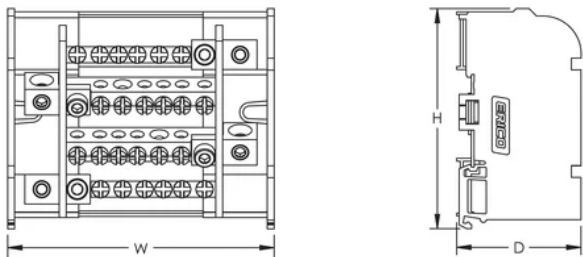
Número de catálogo	Article Number	Em conformidade com
TD-100-125A	563820	IEC® 60947-7-1
TD-100-125AL	563830	IEC® 60947-7-1
TD-100-125ALL	563840	IEC® 60947-7-1

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



AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.