



Automatización Eléctrica

Especialistas en Automatización

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General Information

Extended Product Type:	GAF300-10-11 20-60V DC
Product ID:	1SFL557025R7211
EAN:	7320500400876
Catalog Description:	GAF300-10-11 20-60V DC Contactor
Long Description:	A 3-pole Contactor suitable for DC-1 applications where all three poles must be connected in series in a 1-pole configuration up to max 1000 VDC. Operated with wide control voltage range 20-60 V, DC

Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Block Contactors

Ordering

EAN:	7320500400876
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Dimensions

Product Net Width:	140.0 mm
Product Net Depth:	180.5 mm
Product Net Height:	227.0 mm
Product Net Weight:	5.800 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	200 mm
Package Level 1 Length:	220 mm
Package Level 1 Height:	280 mm
Package Level 1 Gross Weight:	5.8 kg
Package Level 1 EAN:	7320500400876

Technical

Number of Main Contacts NO:	3
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	1
Rated Operational Voltage:	Main Circuit 1000 V
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-4-1, Open Contactors $q = 40^\circ\text{C}$ 500 A
Maximum Breaking Capacity:	$\cos \phi = 0.45$ ($\cos \phi = 0.35$ for $I_e > 100$ A) at 440 V 3000 A $\cos \phi = 0.45$ ($\cos \phi = 0.35$ for $I_e > 100$ A) at 690 V 2500 A
Rated Operational Current DC-1 (I_e):	(1000 V) 275 A
Rated Insulation Voltage (U_i):	acc. to UL/CSA 600 V acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V
Rated Impulse Withstand Voltage (U_{imp}):	Main Circuit 8 kV
Mechanical Durability:	5 million
Maximum Mechanical Switching Frequency:	300 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) $0.85 \times U_c \text{ Min.} \dots 1.1 \times U_c \text{ Max.}$ (at $\theta \leq 70^\circ\text{C}$) $^\circ\text{C}$
Rated Control Circuit Voltage (U_c):	DC Operation 20...60 V
Coil Consumption:	Pull-in at Max. Rated Control Circuit Voltage 60 Hz 470 V·A Holding at Max. Rated Control Circuit Voltage DC 2 W Holding at Max. Rated Control Circuit Voltage 50 Hz 10 V·A Pull-in at Max. Rated Control Circuit Voltage DC 520 W Pull-in at Max. Rated Control Circuit Voltage 50 Hz 470 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 10 V·A
Connecting Capacity-Main Circuit:	Rigid Al-Cable 2x95...120 mm ² Bar 32 mm Rigid Cu-Cable 16...240 mm ²
Connecting Capacity-Auxiliary Circuit:	Solid 1x1...4 mm ² Flexible with Insulated Ferrule 2x0.75...2.5 mm ² Stranded 1x1...4 mm ² Flexible 2x0.75...2.5 mm ²

Flexible with Ferrule 2x0.75...2.5 mm²

Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20
acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00

Terminal Type: Main Circuit: Bars

Environmental

Ambient Air Temperature: Storage -40...+70 °C
Operation -40...+70 °C

Maximum Operating Altitude Permissible: 3000 m

Resistance to Shock acc. to IEC 60068-2-27: Shock Direction: A 5 g
Shock Direction: C2 5 g
Shock Direction: B2 5 g
Shock Direction: C1 5 g
Shock Direction: B1 5 g

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical UL/CSA

Maximum Operating Voltage UL/CSA: Main Circuit 600 V

Certificates and Declarations (Document Number)

CB Certificate: SE70017

CCC Certificate: CQC_2013010304595899

Declaration of Conformity - CE: 2CMT003517

RoHS Information: 1SFC101067D0201

Classifications

ETIM 5: EC002552 - Power contactor, DC switching

UNSPSC: 39121529





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- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
GAF300-10-11 20-60V DC Contactor	1SFL557025R7211	GAF300-10-11	Buy on EAN