



Automatización Eléctrica

Especialistas en Automatización

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GAF2050-10-11 100-250V 50/60Hz / 100-250V DC



General Information

Extended Product Type:	GAF2050-10-11 100-250V 50/60Hz / 100-250V DC
Product ID:	1SFL707025R7011
EAN:	7320500408254
Catalog Description:	GAF2050-10-11 100-250V 50/60Hz / 100-250V 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 100-250 V, AC/DC

Categories

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

Ordering

EAN:	7320500408254
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Dimensions

Product Net Width:	438.0 mm
Product Net Depth:	244.0 mm
Product Net Height:	392.0 mm
Product Net Weight:	33.000 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	250 mm
Package Level 1 Length:	440 mm
Package Level 1 Height:	430 mm
Package Level 1 Gross Weight:	35 kg
Package Level 1 EAN:	7320500408254

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 °C 2050 A
Rated Operational Current DC-1 (I_e):	(1000 V) 2050 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:	0.5 million
Maximum Mechanical Switching Frequency:	300 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) 0.85 x U _c Min. ... 1.1 x U _c Max. (at θ ≤ 70 °C) °C
Rated Control Circuit Voltage (U_c):	60 Hz 100...250 V 50 Hz 100...250 V DC Operation 100...250 V
Coil Consumption:	Pull-in at Max. Rated Control Circuit Voltage 60 Hz 1900 V·A Holding at Max. Rated Control Circuit Voltage DC 16 V·A Holding at Max. Rated Control Circuit Voltage 50 Hz 48 V·A Pull-in at Max. Rated Control Circuit Voltage DC 1700 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 1900 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 48 V·A
Connecting Capacity-Main Circuit:	Bar 100 mm
Connecting Capacity-Auxiliary Circuit:	Solid 2x1...4 mm ² Flexible with Insulated Ferrule 1x0.75...2.5 mm ² Stranded 2x1...4 mm ² Flexible 2x0.75...2.5 mm ² Flexible with Ferrule 2x0.75...2.5 mm ²
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

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: SE-66760

Declaration of Conformity - CE: 2CMT003767

RoHS Information: 1SFC101068D0201

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.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
GAF2050-10-11 100-250V 50/60Hz / 100-250V DC Contactor	1SFL707025R7011	GAF2050-10-11	Buy on EAN