



**Automatización Eléctrica**

Especialistas en Automatización

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# GAF460-10-11 250-500V 50/60Hz / 250-500V DC



## General Information

Extended Product Type:	GAF460-10-11 250-500V 50/60Hz / 250-500V DC
Product ID:	1SFL597025R7111
EAN:	7320500383988
Catalog Description:	GAF460-10-11 250-500V 50/60Hz / 250-500V 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 250-500 V, AC/DC

## Categories

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

## Ordering

EAN:	7320500383988
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

## Dimensions

Product Net Width:	186.0 mm
Product Net Depth:	216.0 mm
Product Net Height:	278.0 mm
Product Net Weight:	10.900 kg

## Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	260 mm
Package Level 1 Length:	250 mm
Package Level 1 Height:	350 mm
Package Level 1 Gross Weight:	12 kg
Package Level 1 EAN:	7320500383988

## 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 700 A
Rated Operational Current DC-1 ( $I_e$ ):	(1000 V) 700 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 x $U_c$ Min. ... 1.1 x $U_c$ Max. (at $\theta \leq 70$ °C) °C
Rated Control Circuit Voltage ( $U_c$ ):	60 Hz 250...500 V 50 Hz 250...500 V DC Operation 250...500 V
Coil Consumption:	Pull-in at Max. Rated Control Circuit Voltage 60 Hz 890 V·A Holding at Max. Rated Control Circuit Voltage DC 4 W Holding at Max. Rated Control Circuit Voltage 50 Hz 12 V·A Pull-in at Max. Rated Control Circuit Voltage DC 990 W Pull-in at Max. Rated Control Circuit Voltage 50 Hz 890 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 12 V·A
Connecting Capacity-Main Circuit:	Rigid Al-Cable 240 mm <sup>2</sup> Bar 47 mm Rigid Cu-Cable 240 mm <sup>2</sup>
Connecting Capacity-Auxiliary Circuit:	Solid 1x1...4 mm <sup>2</sup> Flexible with Insulated Ferrule 2x0.75...2.5 mm <sup>2</sup> Stranded 2x1...4 mm <sup>2</sup> Flexible 2x0.75...2.5 mm <sup>2</sup>

	Flexible with Ferrule 2x0.75...2.5 mm²
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
<b>Terminal Type:</b>	Main Circuit: Bars

## Environmental

<b>Ambient Air Temperature:</b>	Storage -40...+70 °C Operation -40...+70 °C
<b>Maximum Operating Altitude Permissible:</b>	3000 m
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	Shock Direction: A 5 g Shock Direction: C2 5 g Shock Direction: C1 5 g Shock Direction: B2 5 g Shock Direction: B1 5 g
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V
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## Certificates and Declarations (Document Number)

<b>CB Certificate:</b>	SE-66699
<b>CCC Certificate:</b>	CQC_2012010304547008
<b>Declaration of Conformity - CE:</b>	2CMT003419
<b>RoHS Information:</b>	1SFC101067D0201

## Classifications

<b>ETIM 5:</b>	EC002552 - Power contactor, DC switching
<b>UNSPSC:</b>	39121529





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- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
GAF460-10-11 250-500V 50/60Hz / 250-500V DC Contactor	1SFL597025R7111	GAF460-10-11	<a href="#">Buy on EAN</a>