



**Automatización Eléctrica**

Especialistas en Automatización

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# GAF460-10-11 100-250V 50/60Hz / 100-250V DC



## General Information

<b>Extended Product Type:</b>	GAF460-10-11 100-250V 50/60Hz / 100-250V DC
<b>Product ID:</b>	1SFL597025R7011
<b>EAN:</b>	7320500383971
<b>Catalog Description:</b>	GAF460-10-11 100-250V 50/60Hz / 100-250V DC Contactor
<b>Long Description:</b>	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

<b>EAN:</b>	7320500383971
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85364900

## Dimensions

<b>Product Net Width:</b>	186.0 mm
<b>Product Net Depth:</b>	216.0 mm
<b>Product Net Height:</b>	278.0 mm
<b>Product Net Weight:</b>	10.900 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	260 mm
<b>Package Level 1 Length:</b>	250 mm
<b>Package Level 1 Height:</b>	350 mm
<b>Package Level 1 Gross Weight:</b>	12 kg
<b>Package Level 1 EAN:</b>	7320500383971

## Technical

<b>Number of Main Contacts NO:</b>	3
<b>Number of Main Contacts NC:</b>	0
<b>Number of Auxiliary Contacts NO:</b>	1
<b>Number of Auxiliary Contacts NC:</b>	1
<b>Rated Operational Voltage:</b>	Main Circuit 1000 V
<b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b>	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 700 A
<b>Rated Operational Current DC-1 (I<sub>e</sub>):</b>	(1000 V) 700 A
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	acc. to UL/CSA 600 V acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Main Circuit 8 kV
<b>Mechanical Durability:</b>	5 million
<b>Maximum Mechanical Switching Frequency:</b>	300 cycles per hour
<b>Coil Operating Limits:</b>	(acc. to IEC 60947-4-1) 0.85 x U <sub>c</sub> Min. ... 1.1 x U <sub>c</sub> Max. (at θ ≤ 70 °C) °C
<b>Rated Control Circuit Voltage (U<sub>c</sub>):</b>	60 Hz 100...250 V 50 Hz 100...250 V DC Operation 100...250 V
<b>Coil Consumption:</b>	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
<b>Connecting Capacity-Main Circuit:</b>	Rigid Al-Cable 2x240 mm <sup>2</sup> Bar 47 mm Rigid Cu-Cable 240 mm <sup>2</sup>
<b>Connecting Capacity-Auxiliary Circuit:</b>	Solid 2x1...4 mm <sup>2</sup> Flexible with Insulated Ferrule 2x0.75...2.5 mm <sup>2</sup> Stranded 1x1...4 mm <sup>2</sup> Flexible 2x0.75...2.5 mm <sup>2</sup>

	Flexible with Ferrule 1x0.75..2.5 mm <sup>2</sup>
<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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<b>Product</b>	<b>Code</b>	<b>Reference</b>	<b>Product link</b>
GAF460-10-11 100-250V 50/60Hz / 100-250V DC Contactor	1SFL597025R7011	GAF460-10-11	<a href="#">Buy on EAN</a>