

**INDUSTRIAL COMPONENT DATA**

# 1SFL497025R6911 ABB GAF185-10-11 48-130V 50/60Hz / 48-130V DC Contactor

Brand: ABB | Manufacturer Part Number: 1SFL497025R6911



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | ABB                           |
| MPN / Reference | 1SFL497025R6911               |
| Catalog number  | 497025                        |
| Category        | Power contactor, DC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-814504707A                 |
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## Product Overview

GAF185-10-11 48-130V 50/60Hz / 48-130V DC Contactor

GAF185-10-11 CONT. 1P 1000VDC 48-130V

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      ABB &gt; Contactors and overload relays &gt; "A" SECRLP

## Additional Product Information

### Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

### Popular Downloads

EPLAN Data 9AAC171150\_EPLAN

Data Sheet, Technical Information 1SBC100192C0206

Instructions and Manuals 1SFC101046M0201

### Dimensions

Product Net Width 111.5 mm

Product Net Depth / Length 160 mm

Product Net Height 196 mm

Product Net Weight 3 kg

Dimension Diagram 53540923-7

### Technical

Number of Main Contacts NO 1  
Number of Main Contacts NC 0  
Number of Auxiliary Contacts NO 1  
Number of Auxiliary Contacts NC 1  
Number of Poles 1P  
Rated Operational Voltage Main Circuit 1000 V  
Conventional Free-air Thermal Current (I<sub>th</sub>) acc. to IEC 60947-4-1, Open Contactors ? = 40 °C 275 A  
Rated Operational Current DC-1 (I<sub>e</sub>) (1000 V) 3 Poles in Series, 40 °C 275 A  
(1000 V) 3 Poles in Series, 55 °C 250 A  
(1000 V) 3 Poles in Series, 70 °C 180 A  
(220 V) 3 Poles in Series, 40 °C 275 A  
(220 V) 3 Poles in Series, 55 °C 250 A  
(220 V) 3 Poles in Series, 70 °C 180 A  
(400 V) 3 Poles in Series, 40 °C 275 A  
(400 V) 3 Poles in Series, 55 °C 250 A  
(400 V) 3 Poles in Series, 70 °C 180 A  
(600 V) 3 Poles in Series, 40 °C 275 A  
(600 V) 3 Poles in Series, 55 °C 250 A  
(600 V) 3 Poles in Series, 70 °C 180 A  
Rated Insulation Voltage (U<sub>i</sub>) acc. to UL/CSA 1000 V  
Rated Impulse Withstand Voltage (U<sub>imp</sub>) 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<sub>c</sub> Min. ... 1.1 x U<sub>c</sub> Max. (at ? ≤ 70 °C)  
Rated Control Circuit Voltage (U<sub>c</sub>) 50 H...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SFL497025R6911 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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