

INDUSTRIAL COMPONENT DATA

1SFL557025R7211 ABB GAF300-10-11 20-60V DC Contactor

Brand: ABB | Manufacturer Part Number: 1SFL557025R7211



Manufacturer	ABB
MPN / Reference	1SFL557025R7211
Catalog number	557025
Category	Power contactor, DC switching
Minimum order	1 Pcs
Document ID	EO-7DE060EAD6
Generated	2026-08-05

Product Overview

GAF300-10-11 20-60V DC Contactor
GAF300-10-11 CONT. 1P 1000VDC 20-60Vdc

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path **ABB > Contactors and overload relays > "A" SECRLP**

Additional Product Information

Ordering

Minimum Order Quantity 1 piece
Customs Tariff Number 85364900

Popular Downloads

EPLAN Data 9AAC171151_EPLAN
Data Sheet, Technical Information 1SBC100192C0206
Instructions and Manuals 1SFC101046M0201

Dimensions

Product Net Width 140 mm
Product Net Depth / Length 180.5 mm
Product Net Height 227 mm
Product Net Weight 5.5 kg
Dimension Diagram 53540930-2

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_{th}) acc. to IEC 60947-4-1, Open Contactors ? = 40 °C 500 A
Rated Operational Current DC-1 (I_e) (1000 V) 3 Poles in Series, 40 °C 500 A
(1000 V) 3 Poles in Series, 55 °C 400 A
(1000 V) 3 Poles in Series, 70 °C 325 A
(220 V) 3 Poles in Series, 40 °C 500 A
(220 V) 3 Poles in Series, 55 °C 400 A
(220 V) 3 Poles in Series, 70 °C 325 A
(400 V) 3 Poles in Series, 40 °C 500 A
(400 V) 3 Poles in Series, 55 °C 400 A
(400 V) 3 Poles in Series, 70 °C 325 A
(600 V) 3 Poles in Series, 40 °C 500 A
(600 V) 3 Poles in Series, 55 °C 400 A
(600 V) 3 Poles in Series, 70 °C 325 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 Insulation Voltage (U_i) acc. to UL/CSA 1000 V
Rated Impulse Withstand Voltage (U_{imp}) Main Circuit 8 kV
Mechanical Durability 5 million
Maximum Mechanical Switching Frequency 300 cyc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SFL557025R7211 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.