

INDUSTRIAL COMPONENT DATA

1SFL597001R7122 ABB AF460-30-22 250-500V 50/60Hz / 250-500V DC Contactor

Brand: ABB | Manufacturer Part Number: 1SFL597001R7122



Manufacturer	ABB
MPN / Reference	1SFL597001R7122
Catalog number	597001
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-E927CC727E
Generated	2026-08-06

Product Overview

AF460-30-22 250-500V 50/60Hz / 250-500V DC Contactor

AF460-30-22 CONT.3P COIL 250-500VAC/DC

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 9AAC200766_EPLAN

Data Sheet, Technical Information 1SBC100214C0202

Data Sheet, Technical Information (Part 2) 1SAC200017M0002

Instructions and Manuals 1SFC380023-en

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 186 mm

Product Net Depth / Length 216 mm

Product Net Height 278 mm

Product Net Weight 10.6 kg

Dimension Diagram 53540919-59

Technical

Number of Main Contacts NO 3

Number of Main Contacts NC 0

Number of Auxiliary Contacts NO 2

Number of Auxiliary Contacts NC 2

Number of Poles 3P

Rated Operational Voltage Main Circuit 1000 V

Rated Frequency (f) Main Circuit 50 / 60 Hz

Conventional Free-air Thermal Current (I_{th}) acc. to IEC 60947-4-1, Open Contactors ? = 40 °C 700 A

Rated Operational Current AC-1 (I_e) (1000 V) 40 °C 700 A

(1000 V) 55 °C 600 A

(1000 V) 60 °C 600 A

(1000 V) 70 °C 480 A

(690 V) 40 °C 700 A

(690 V) 55 °C 600 A

(690 V) 70 °C 480 A

Rated Operational Current AC-3 (I_e) (415 V) 55 °C 460 A

(440 V) 55 °C 460 A

(500 V) 55 °C 460 A

(690 V) 55 °C 400 A

(1000 V) 55 °C 200 A

(380 / 400 V) 55 °C 460 A

(220 / 230 / 240 V) 55 °C 460 A

Rated Operational Current DC-1 (I_e) (110 V) 1-Pole, 40 °C 700 A

(110 V) 2 Poles in Series, 40 °C 700 A

(220 V) 3 Poles in Series, 40 °C 700 A

(600 V) 3 Poles in Series, 40 °C 700 A

Rated Operational Current DC-3 (I_e) (110 V) 1-Pole, 40 °C 700 A

(110 V) 2 Poles in Series, 40 °C 700 A

(220 V) 3 Poles in Series, 40 °C 700 A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SFL597001R7122 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 PI #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.