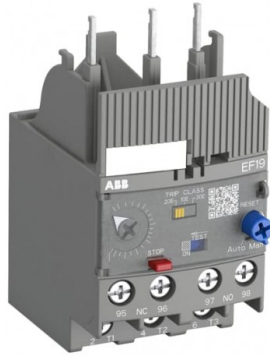


INDUSTRIAL COMPONENT DATA

1SAX121001R1105 ABB EF19-18.9 Electronic Overload Relay

Brand: ABB | Manufacturer Part Number: 1SAX121001R1105



Manufacturer	ABB
MPN / Reference	1SAX121001R1105
Catalog number	121001
Category	Electronic overload relay
Minimum order	1 Pcs
Document ID	EO-1ECC37E499
Generated	2026-08-03

Product Overview

EF19-18.9 Electronic Overload Relay

EF19-18.9 R. ELECTRO. CLASS A OVERLOAD

EF19-18.9 Electronic Overload Relay 5.7 ... 18.9 A

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 > Electronic Overload

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

Popular Downloads

Data Sheet, Technical Information 2CDC107025D0201

Instructions and Manuals 2CDC107023M6803

Instructions and Manuals (Part 2) 1SAC200017M0002

Ex Operating Instructions 2CDC107043M6801

Time-Current Characteristic Curve 1SAX100509F0002

1SAX100510F0001

CAD Dimensional Drawing 2CDC001079B0201

Dimension Diagram 1SAX100403F0001

Dimensions

Product Net Width 44.4 mm

Product Net Height 85 mm

Product Net Depth / Length 59.3 mm

Product Net Weight 0.158 kg

Technical

Setting Range 5.7 ... 18.9 A

Rated Operational Voltage Auxiliary Circuit 600 V AC/DC

Main Circuit 690 V AC

Rated Operational Current (I_e) 18.9 A

Rated Frequency (f) Auxiliary Circuit 50 Hz

Auxiliary Circuit 60 Hz

Auxiliary Circuit DC

Main Circuit 50 Hz

Main Circuit 60 Hz

Rated Impulse Withstand Voltage (U_{imp}) Auxiliary Circuit 6 kV

Main Circuit 6 kV

Rated Insulation Voltage (U_i) 690 V

Number of Poles 3P

Number of Auxiliary Contacts NC 1

Number of Auxiliary Contacts NO 1

Number of Protected Poles 3

Conventional Free-air Thermal Current (I_{th}) Auxiliary Circuit NC 6 A

Auxiliary Circuit NO 6 A

Rated Operational Current AC-15 (I_e) (240 V) NC 3 A

(240 V) NO 3 A

(400 V) NC 1.1 A

(400 V) NO 1.1 A

(500 V) NC 0.75 A

(500 V) NO 0.75 A

Rated Operational Current DC-13 (I_e) (125 V) NC 0.55 A

(125 V) NO 0.5 A

(24 V) NC 1.5 A

(24 V) NO 1.5 A

(250 V) NC 0.27 A

(250 V) NO 0.27 A

(60 V) NC 0.55 A

(60 V) NO 0.55 A

Degree of Protection IP20

Pollution Degree 3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAX121001R1105 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

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