

INDUSTRIAL COMPONENT DATA

C512-24 1SAR700100R0005 ABB C512-24 Temperature monitoring relay Temperature range -50...+500°C

Brand: ABB | Manufacturer Part Number: C512-24



Manufacturer	ABB
MPN / Reference	C512-24
Catalog number	1SAR700100R0005
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-E078F28E51
Generated	2026-08-03

Product Overview

C512-24 Temperature monitoring relay Temperature range -50...+500°C

MONIT, TEMP, P/PT100 24Vac/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 > Electronic relays > Monitoring
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Additional Product Information

Temperature monitoring relay C512-24, width 45mm, digital adjustable, 2 therschholds, exceeding/parces below, window monitoring, measuring range -50...+500°C, A1-A2=24V AC / DC, 1 c/o, 1 c/o, 1n/o

Ordering

EAN:4013614338045

Minimum Order Quantity:1 piece

Customs Tariff Number:90321081

Container Information

Package Level 1 Units:1 piece

Package Level 1 Width:112 mm

Package Level 1 Height:105 mm

Package Level 1 Length:53 mm

Package Level 1 Gross Weight:0.317 kg

Dimensions

Product Net Width:45mm

Product Net Depth:92mm

Product Net Height:105.9mm

Product Net Weight:0.292kg

Technical

Function:Over- and undertemperature monitoring

1 sensor circuit

Latching function

Measuring Range:-50 ... +500 °C

Rated Control Supply Voltage (Us):24 V AC/DC

Output:2 c/o (SPDT) + 1 n/o contacts

Terminal Type:Screw Terminals

Standards:IEC/EN 60947-5-1

Environmental

RoHS Status:Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

cUL Certificate:cUL508_E140448

Declaration of Conformity - CE:1SAD938501-0119

RoHS Information:1SAA981005-4401

UL Certificate:UL508_E140448

Classifications

Object Classification Code:B

ETIM 4:EC001446 - Temperature monitoring relay

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UNSPSC:39121500

eClass:7.0 27371810

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / C512-24 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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