

INDUSTRIAL COMPONENT DATA

1SAH102180R9900 ABB MCRA031AR1 Mini Contactor Relay

Brand: ABB | Manufacturer Part Number: 1SAH102180R9900



Manufacturer	ABB
MPN / Reference	1SAH102180R9900
Catalog number	102180
Category	Contactor relay
Minimum order	1 Pcs
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Product Overview

MCRA031AR1 Mini Contactor Relay

MCRA031AR1Mini Contactor Relay24 V AC3NO1NCRing-Tongue Terminals

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
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Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85365080

Popular Downloads

EPLAN Data 9AAC426189_EPLAN

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 2CDC103061M6801

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 45 mm

Product Net Depth / Length 56 mm

Product Net Height 48 mm

Product Net Weight 0.17 kg

Technical

Number of Main Contacts NO 0

Number of Main Contacts NC 0
Number of Auxiliary Contacts NO 3
Number of Auxiliary Contacts NC 1
Number of Poles 4P
Standards IEC/EN 60947-1
IEC/EN 60947-5-1
UL 60947-1
UL 60947-5-1
Rated Operational Voltage Auxiliary Circuit 690 V AC
Auxiliary Circuit 440 V DC
Rated Frequency (f) Auxiliary Circuit 50 Hz
Auxiliary Circuit 60 Hz
Auxiliary Circuit DC
Control Circuit 50 Hz
Control Circuit 60 Hz
Conventional Free-air Thermal Current (Ith) Auxiliary Circuit 10 A
Rated Operational Current AC-15 (Ie) (240 V) 6 A
(400 V) 4 A
(500 V) 2.5 A
(690 V) 1.5 A
Rated Operational Current DC-13 (Ie) (24 V) 5 A
(48 V) 2.5 A
(125 V) 0.55 A
(250 V) 0.3 A
(440 V) 0.15 A
Short-Circuit Protective Devices gG Type Fuses 10 A
Rated Insulation Voltage (Ui) 750 V
Rated Impulse Withstand Voltage (Uimp) Auxiliary Circuit 6 kV
Maximum Electrical Switching Frequency (AC-15) 360 cycles per hour
(DC-13) 360 cycles per hour
Mechanical Durability Nr. Operations 10000000 cycle
Minimum Switching Capacity Auxiliary Circuit 17 V
Auxiliary Circuit 5 mA
Coil Operating Limits (acc. to IEC 60947-5-1) for AC supply 0.85

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAH102180R9900 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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