

INDUSTRIAL COMPONENT DATA

1SAH102142R9910 ABB MCRC031ARWJD-RAIL Mini Contactor Relay

Brand: ABB | Manufacturer Part Number: 1SAH102142R9910



Manufacturer	ABB
MPN / Reference	1SAH102142R9910
Catalog number	102142
Category	Contactor relay
Minimum order	1 Pcs
Document ID	EO-03C4344B7B
Generated	2026-08-04

Product Overview

MCRC031ARWJD-RAIL Mini Contactor Relay

MCRC031ARWJD-RAILMini Contactor Relay77 ... 137 V DC3NO1NCRing-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

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 68 mm

Product Net Height 48 mm

Product Net Weight 0.245 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 DC
Conventional Free-air Thermal Current (I_{th}) Auxiliary Circuit 10 A
Rated Operational Current AC-15 (I_e) (240 V) 6 A
(400 V) 4 A
(500 V) 2.5 A
(690 V) 1.5 A
Rated Operational Current DC-13 (I_e) (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 (U_i) 750 V
Rated Impulse Withstand Voltage (U_{imp}) 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 DC supply U_c Min. ... U_c Max. (at ? ≤ 55...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAH102142R9910 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.