

INDUSTRIAL COMPONENT DATA

1SAJ251000R0001 ABB Modbus RTU Interface

Brand: ABB | Manufacturer Part Number: 1SAJ251000R0001



Manufacturer	ABB
MPN / Reference	1SAJ251000R0001
Catalog number	251000
Category	Fieldbus, decentr. periphery - communication module
Minimum order	1 Pcs
Document ID	EO-423EB8D8B7
Generated	2026-08-01

Product Overview

Modbus RTU Interface

MRP31 Modbus Interface

MRP31.0 Modbus RTU Interface

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 > UMC and accessories

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85176200

Product Main Type MRP31.0

Popular Downloads

Data Sheet, Technical Information 2CDC194005D0201

Instructions and Manuals 1SAC200307M0001

CAD Dimensional Drawing 2CDC001079B0201

EPLAN Data 9AAC181492_EPLAN

Dimensions

Product Net Width 22.5 mm

Product Net Depth / Length 54 mm

Product Net Height 64 mm

Product Net Weight 39 g

Technical

Connecting Capacity 1x 0.2-2.5 mm²

Mounting Type UMC100.3/Single Mounting

Mounting on DIN Rail With Single Mounting Kit

Power Loss Approximately 0.6 W

Rated Control Supply Voltage (Us) 24 V DC

Recommended Screw Driver Pozidriv 1

Standards CAN/CSA C22.2 No.61010-1

CAN/CSA C22.2 No.61010-2-201

IEC/EN 61131-2

UL 61010-1

UL 61010-2-201

Suitable For UMC100.3

Terminal Type Screw Terminals

Tightening Torque Auxiliary Circuit 0.5 N·m

Control Circuit 0.5 N·m

Wire Stripping Length 7 mm

Technical UL/CSA

Connecting Capacity UL/CSA Flexible with Ferrule 1x 28-12 AWG

Rigid 1x 28-12 AWG

Environmental

Degree of Protection IP20

Material Compliance

Conflict Minerals Reporting Template (CMRT) 9AKK108467A5658

REACH Declaration 1SAA983001-4501

RoHS Declaration 1SVD981001-4401

RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Toxic Substances Control Act - TSCA 2CMT2023-006538

WEEE B2C / B2B Business To Business

WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

ABS Certificate 9AKK106930A7739

ATEX Certificate No...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAJ251000R0001 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.