

INDUSTRIAL COMPONENT DATA

1SAM201910R1002 ABB AA1-110 Shunt Trip

Brand: ABB | Manufacturer Part Number: 1SAM201910R1002



Manufacturer	ABB
MPN / Reference	1SAM201910R1002
Catalog number	201910
Category	Shunt release (for power circuit breaker)
Minimum order	1 Pcs
Document ID	EO-7F22817D93
Generated	2026-07-31

Product Overview

AA1-110 Shunt Trip

AA1-110 BO. EM.110V 50/60 HZ P/MS116/32

AA1-110 Shunt Trip 110V

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 motor protection relays > Mx116 and Mx132

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85365080

Popular Downloads

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 2CDC131011M6802

2CDC131034M6801

2CDC131022M6802

2CDC131120M6801

2CDC131081M6801

2CDC131082M6801

Instructions and Manuals (Part 3) 1SBC100214C0202

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 18 mm

Product Net Height 90 mm

Product Net Depth / Length 75.5 mm

Product Net Weight 0.1 kg

Technical

Rated Frequency (f) Auxiliary Circuit 50 Hz

Auxiliary Circuit 60 Hz

Auxiliary Circuit DC

Rated Impulse Withstand Voltage (Uimp) Auxiliary Circuit 6 kV

Rated Insulation Voltage (Ui) 690 V

Power Loss 48 W

Terminal Type Screw Terminals

Connecting Capacity Auxiliary Circuit Flexible with Ferrule 1/2x 0.75 ... 2.5 mm²

Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm²

Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm²

Flexible 1/2x 0.75 ... 2.5 mm²

Rigid 1/2x 1 ... 4 mm²

Tightening Torque Auxiliary Circuit 0.8 ... 1.2 N·m

Wire Stripping Length Auxiliary Circuit 10 mm

Recommended Screw Driver Pozidriv 2

Mounting Position 1 ... 6

Standards CSA 22.2 No. 14

IEC/EN 60947-1

IEC/EN 60947-4-1

UL 508

UL 60947-1

UL 60947-4-1

Remarks Please consider 15 min OFF-period after 5s ON-period.

The mechanical and electrical durability of manual motor starters in combination with UA1/AA1 is reduced. Values are provided on request.

Technical UL/CSA

Connecting Capacity Auxiliary Circuit UL/CSA Flexible 1/2x 16-12 AWG

Stranded 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAM201910R1002 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.