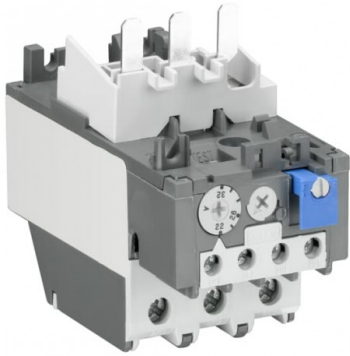


INDUSTRIAL COMPONENT DATA

1SAZ311201R2003 ABB TA42DU-42M Overload Relay

Brand: ABB | Manufacturer Part Number: 1SAZ311201R2003



Manufacturer	ABB
MPN / Reference	1SAZ311201R2003
Catalog number	311201
Category	Thermal overload relay
Minimum order	1 Pcs
Document ID	EO-25DD3787A0
Generated	2026-07-30

Product Overview

TA42DU-42M Overload Relay

TA42DU-42M Thermal Overload Relay

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 85364900

Popular Downloads

Instructions and Manuals 2CDC106049M6802

Time-Current Characteristic Curve 1SAZ300501F0003

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 54 mm

Product Net Height 90 mm

Product Net Depth / Length 111 mm

Product Net Weight 0.335 kg

Technical

Rated Operational Voltage Main Circuit 690 V AC

Main Circuit 440 V DC

Rated Operational Current (Ie) 42 A
Number of Poles 3P
Number of Auxiliary Contacts NC 1
Number of Auxiliary Contacts NO 1
Number of Protected Poles 3
Conventional Free-air Thermal Current (Ith) Auxiliary Circuit NC 10 A
Auxiliary Circuit NO 6 A
Rated Operational Current AC-15 (Ie) (120 V) NC 3 A
(120 V) NO 1.5 A
(240 V) NC 3 A
(240 V) NO 1.2 A
(400 V) NC 0.75 A
(400 V) NO 0.37 A
(440 V) NC 0.75 A
(440 V) NO 0.37 A
(500 V) NC 0.3 A
(500 V) NO 0.25 A
Degree of Protection Housing IP20
Main Circuit Terminals IP20
Connecting Capacity Auxiliary Circuit Flexible 1/2x 0.75 ... 2.5 mm²
Rigid 1/2x 0.75 ... 4 mm²
Wire Stripping Length Auxiliary Circuit 9 mm
Main Circuit 14 mm
Recommended Screw Driver Auxiliary Circuit Pozidriv 1
Main Circuit Pozidriv 2
Power Loss at Rated Operating Conditions per Pole 1.5 ... 3.2 W
Suitable For AX32
AX40
Standards CSA 22.2 No. 14
IEC/EN 60947-1
IEC/EN 60947-4-1
IEC/EN 60947-5-1
UL 508
Technical UL/CSA
Maximum Operating Voltage UL/CSA Main Circuit 600 V AC
Contact Rating UL/CSA (NC:) B600
(NO:) C600
Connecting Capacity Main Circuit UL/CSA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAZ311201R2003 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.