

INDUSTRIAL COMPONENT DATA

2CSA255901R9405 ABB S-ARC1B40 Detect. Arch + Int. Autom.

Brand: ABB | Manufacturer Part Number: 2CSA255901R9405



Manufacturer	ABB
MPN / Reference	2CSA255901R9405
Catalog number	255901
Category	Miniature circuit breaker (MCB) with auxiliary device
Minimum order	1 Pcs
Document ID	EO-7CE8A96242
Generated	2026-08-01

Product Overview

S-ARC1B40 Detect. Arch + Int. Autom.

S-ARC1 B40 Arc fault detection device integrated with MCB

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path ABB > Industrial

Additional Product Information

ABB EcoSolutions

ABB EcoSolutions Yes

EcoSolutions Profile 9AKK108471A1002

Recyclability Rate of the Product acc. to EN45555 Design for Closing Resource Loops - Standard EN45555 - 81.91 %

ABB Site Meeting Group Waste To Landfill Target No non-hazardous waste is sent to a landfill

UL 2799 Zero Waste To Landfill Validation available

Extended Product Lifetime Product Durability

End Of Life Disassembling Instructions 9AKK108469A4799

Environmental Product Declaration - EPD 9AKK108468A8866

Technical

Dielectric Test Voltage 2.5 kV

Rated Ultimate Short-Circuit Breaking Capacity (Icu) 7.5 kA

Rated Service Short-Circuit Breaking Capacity (Ics) 6 kA

Power Supply Connection Arbitrary

Contact Position Indication Red ON / Green OFF
Energy Limiting Class 3
Electrical Endurance 10000 cycle
Mechanical Endurance 20000 cycle
Number of Protected Poles 1
Number of Poles 1P+N
Number of Modular Spacings per DIN Rail 2
Operating Characteristic Instantaneous
Position of Neutral Terminals Right
Tightening Torque 2.8 N·m
Accessory Type Auxiliary contact
Auxiliary/Signal contact
Shunt trip
Undervoltage release
Overvoltage release
Actuator Type Toggle - Insulation group II, Orange RAL 2004, sealable in ON-OFF-positions
Housing Type Insulation group I, RAL 7035
Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal
Includes Fire protection switch
Accessories Available Yes
Mounting Position of Accessories Right
Number of Batteries 0
Connecting Capacity Busbar 10 mm²
Rigid 1...25 mm²
Flexible 1...16...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CSA255901R9405 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.