

INDUSTRIAL COMPONENT DATA

2CSF204001R4950 ABB F204 AC-125/0,5 Residual Current Dev.

Brand: ABB | Manufacturer Part Number: 2CSF204001R4950



Manufacturer	ABB
MPN / Reference	2CSF204001R4950
Catalog number	204001
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-2ACAAC3A9B
Generated	2026-08-03

Product Overview

F204 AC-125/0,5 Residual Current Dev.

Int.dif.F204AC-125/0.5 4p 125A AC 500mA

Residual Current Circuit Breaker F200 - 4P - Type AC - 500 mA - 125 A

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 > F200 (80-125A)

Additional Product Information

Technical

Type of Residual Current Type AC

Test Voltage (U_t) 100-250 V

Maximum Surge Current 0.25 kA

Leakage Current Type AC

Power Supply Connection Arbitrary

Electrical Endurance 2000 cycle

Mechanical Endurance 5000 cycle

Number of Poles 4P

Number of Modular Spacings per DIN Rail 4

Operating Characteristic Instantaneous

Position of Neutral Terminals Right

Tightening Torque 2.8 N·m

Accessory Type Signal/Auxiliary contact

Motor operating device

Options Provided None

Accessories Available Yes

Connecting Capacity Busbar 10 mm²

Rigid 35 ... 35 mm²

Flexible 35 ... 35 mm²

Rated Cross-Section 4 - Multi-Wired 0...25 mm²

1 - Solid-Core 35...35 mm²

Wire Stripping Length 12 mm

Terminal Type Screw Terminals

Electrical

Rated Voltage (Ur) 230/400 V

Rated Operational Voltage 230 ... 400 V AC

Rated Insulation Voltage (Ui) 500 V

Rated Impulse Withstand Voltage (Uimp) 4 kV

Input Voltage Type AC

Rated Current (In) 125 A

Rated Residual Current 500 mA

Rated Conditional Short-Circuit Current (Inc) 10 kA

Frequency (f) 50/60 Hz

Rated Frequency (f) 50 Hz

Power Loss at Rated Operating Conditions per Pole 11.2 W

Total 33.6 W

Design

Number of Modules 4

Material Compliance

RoHS Declaration 9AKK106713A5606

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

RoHS Date 20211115

REACH Declaration 9AKK108467A9482

REACH Information True - contains substances > 0.1 mass percentage

REACH Date 20240429

Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363

SCIP 941b7388-e5f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CSF204001R4950 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.