

INDUSTRIAL COMPONENT DATA

1SDA064643R1 ABB E4S/f 2500 PR122/DC 4P F VR

Brand: ABB | Manufacturer Part Number: 1SDA064643R1



Manufacturer	ABB
MPN / Reference	1SDA064643R1
Catalog number	064643
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-16D95D0346
Generated	2026-08-03

Product Overview

E4S/f 2500 PR122/DC 4P F VR
E4S/f 2500 PR122/DC In=2500A 4p F VR
More details

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	ABB > Service Breakers
--------------	------------------------

Additional Product Information

ABB EcoSolutions
Material Compliance
REACH Declaration 9AKK108466A1425
RoHS Declaration 9AKK108466A1424
RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA 9AKK108467A8326
Environmental
Environmental Information 9AKK10103A6076
Ordering
EAN 8015644675363
Minimum Order Quantity 1 piece
Customs Tariff Number 85362090
Dimensions
Product Net Width 746 mm

Product Net Height 418 mm

Product Net Depth / Length 302 mm

Product Net Weight 109 kg

Container Information

Package Level 1 Units box 1 piece

Package Level 1 Width 515 mm

Package Level 1 Height 600 mm

Package Level 1 Depth / Length 1000 mm

Package Level 1 Gross Weight 128 kg

Package Level 1 EAN 8015644609139

Additional Information

Product Main Type SACE Emax

Product Name Air Circuit Breaker

Product Type Air Circuit Breaker

Version F

Technical

Current Type DC

Electrical Durability $U_e = 1000\text{ V}$ 7000 cycle

Mechanical Durability 15000 cycle

60 cycles per hour

Number of Poles 4 / f

Power Loss 234 W

Rated Current (I_n) 2500 A

Rated Impulse Withstand Voltage (U_{imp}) 12 kV

Rated Insulation Voltage (U_i) 1000 V

Rated Operational Current (I_e) 2500 A

Rated Operational Voltage 1000 V DC

Rated Service Short-Circuit Breaking Capacity (I_{cs}) (750 V DC) 65 kA
(1000 V DC) 50 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) (750 V DC) 65 kA
(1000 V DC) 50 kA

Rated Uninterrupted Current (I_u) 2500 A

Rated Voltage (U_r) 1000 V

Release PR122/DC

Release Type EL

Short-Circuit Perfo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA064643R1 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.