

**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       | 2026-08-02                                                        |

## 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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