

INDUSTRIAL COMPONENT DATA

1SDA064594R1 ABB E2N1600 PR122/DC 3P W MP

Brand: ABB | Manufacturer Part Number: 1SDA064594R1



Manufacturer	ABB
MPN / Reference	1SDA064594R1
Catalog number	064594
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-D919CDFC4C
Generated	2026-08-04

Product Overview

E2N1600 PR122/DC 3P W MP

E2N 1600 PR122/DC In=1600A 3p W MP

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 8015644674878

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width 324 mm

Product Net Height 461 mm

Product Net Depth / Length 396.5 mm

Product Net Weight 49 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 515 mm

Package Level 1 EAN 8015644609139

Additional Information

Product Main Type SACE Emax

Product Name Air Circuit Breaker

Product Type Air Circuit Breaker

Version W

Technical

Current Type DC

Electrical Durability $U_e = 1000\text{ V}$ 10000 cycle

Mechanical Durability 25000 cycle

60 cycles per hour

Number of Poles 3P

Power Loss 232 W

Rated Current (I_n) 1600 A

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

Rated Insulation Voltage (U_i) 1000 V

Rated Operational Current (I_e) 1600 A

Rated Operational Voltage 750 V DC

Rated Service Short-Circuit Breaking Capacity (I_{cs}) (500 V DC) 50 kA
(750 V DC) 25 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) (500 V DC) 50 kA
(750 V DC) 25 kA

Rated Uninterrupted Current (I_u) 1600 A

Rated Voltage (U_r) 750 V

Release PR122/DC

Release Type EL

Short-Circuit Performance Level N

Standards IEC

Sub-type E2

T...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA064594R1 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.