

INDUSTRIAL COMPONENT DATA

1SDA056282R1 ABB E3S 2500 PR121/P-LSIG In 2500A 4p F HR

Brand: ABB | Manufacturer Part Number: 1SDA056282R1



Manufacturer	ABB
MPN / Reference	1SDA056282R1
Catalog number	056282
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-2CED78EFC1
Generated	2026-08-01

Product Overview

E3S 2500 PR121/P-LSIG In=2500A 4p F HR

E3S2500 PR121/P LSIG 4P F HR

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path ABB > Rack "Megamax-Emax" > E3

Additional Product Information

Material Compliance

REACH Declaration 9AKK108466A1425

RoHS Declaration 9AKK108466A1424

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

Conflict Minerals Reporting Template (CMRT) Document availability on demand

Environmental

Environmental Information 9AKK10103A6076

Ordering

EAN 8015644576226

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width 530 mm

Product Net Height 418 mm

Product Net Depth / Length 302 mm

Product Net Weight 76 kg

Container Information

Package Level 1 Units 1 piece

Package Level 1 Width 515 mm

Package Level 1 Height 600 mm

Package Level 1 Depth / Length 785 mm

Package Level 1 Gross Weight 90 kg

Package Level 1 EAN 8015644576226

Additional Information

Product Main Type SACE Emax

Product Name Air Circuit Breaker

Product Type Air Circuit Breaker

Version F

Technical

Current Type AC

Electrical Durability $U_e \leq 440 \text{ V}$ 8000 cycle

$U_e = 500 \dots 690 \text{ V}$ 7000 cycle

20 cycles per hour

Mechanical Durability 20000 cycle

60 cycles per hour

Number of Poles 4P

Power Loss 205 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 690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}) (220 V AC) 75 kA

(230 V AC) 75 kA

(380 V AC) 75 kA

(400 V AC) 75 kA

(415 V AC) 75 kA

(440 V AC) 75 kA

(500 V AC) 75 kA

(660 V AC) 75 kA

(690 V AC) 75 kA

Rated Short-time Withstand Current Low Volt...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA056282R1 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.