

**INDUSTRIAL COMPONENT DATA**

# 1SDA056280R1 ABB E3S 2500 PR121/P-LI In 2500A 4p F HR

Brand: ABB | Manufacturer Part Number: 1SDA056280R1



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | ABB                                                               |
| MPN / Reference | 1SDA056280R1                                                      |
| Catalog number  | 056280                                                            |
| Category        | Power circuit-breaker for trafo/generator/installation protection |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-E607542CF7                                                     |
| Generated       | 2026-08-04                                                        |

## Product Overview

E3S 2500 PR121/P-LI In=2500A 4p F HR  
E3S2500 PR121/P LI 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 &gt; Rack "Megamax-Emax" &gt; 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 8015644576202

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 8015644576202

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 / 1SDA056280R1 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

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

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