

**INDUSTRIAL COMPONENT DATA**

# 1SDA055666R1 ABB E1B 1600 PR121/P-LSIG In 1600A 3p F HR

Brand: ABB | Manufacturer Part Number: 1SDA055666R1



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | ABB                                                               |
| MPN / Reference | 1SDA055666R1                                                      |
| Catalog number  | 055666                                                            |
| Category        | Power circuit-breaker for trafo/generator/installation protection |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-FD49E60E8B                                                     |
| Generated       | 2026-08-05                                                        |

## Product Overview

E1B 1600 PR121/P-LSIG In=1600A 3p F HR

E1B1600 PR121/P LSIG 3P 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; Service Breakers

## 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 8015644570064

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width 296 mm

Product Net Height 418 mm

Product Net Depth / Length 302 mm

Product Net Weight 40 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 515 mm

Package Level 1 Gross Weight 50 kg

Package Level 1 EAN 8015644570064

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  $U_e \leq 440$  V 10000 cycle

$U_e = 500 \dots 690$  V 8000 cycle

30 cycles per hour

Mechanical Durability 25000 cycle

60 cycles per hour

Number of Poles 3P

Power Loss 253 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 690 V AC

Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ) (220 V AC) 42 kA

(230 V AC) 42 kA

(400 V AC) 42 kA

(415 V AC) 42 kA

(440 V AC) 42 kA

(500 V AC) 42 kA

(660 V AC) 42 kA

(380 V AC) 42 kA

(690 V AC) 42 kA

Rated Short-time Withstand Current Low Vol...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA055666R1 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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