

INDUSTRIAL COMPONENT DATA

1SDA055800R1 ABB E2B 1600 PR121/P-LI In 1600A 4p F HR

Brand: ABB | Manufacturer Part Number: 1SDA055800R1



Manufacturer	ABB
MPN / Reference	1SDA055800R1
Catalog number	055800
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-FD08F09BF4
Generated	2026-08-05

Product Overview

E2B 1600 PR121/P-LI In=1600A 4p F HR

E2B1600 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 > Service Breakers**

Additional Product Information

Circular Value

Environmental Information 9AKK10103A6076

Environmental

Environmental Information 9AKK10103A6076

Material Compliance

REACH Declaration 9AKK108466A1425

RoHS Information 9AKK108466A1424

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

Conflict Minerals Reporting Template (CMRT) Document availability on demand

Ordering

EAN 8015644571405

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width 386 mm

Product Net Height 418 mm

Product Net Depth / Length 302 mm

Product Net Weight 56 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 615 mm

Package Level 1 Gross Weight 68 kg

Package Level 1 EAN 8015644571405

Additional Information

Current Type AC

Electrical Durability $U_e \leq 440$ V 12000 cycle

$U_e = 500 \dots 690$ V 10000 cycle

30 cycles per hour

Mechanical Durability 25000 cycle

60 cycles per hour

Number of Poles 4

Power Loss 115 W

Product Main Type SACE Emax

Product Name Air Circuit Breaker

Product Type Air Circuit Breaker

Rated Current (I_n) 1600 A

Rated Voltage (U_r) 690 V

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

(380 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

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA055800R1 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

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