

INDUSTRIAL COMPONENT DATA

1SDA055784R1 ABB E1N 1600 PR121/P-LI In 1600A 4p W MP

Brand: ABB | Manufacturer Part Number: 1SDA055784R1



Manufacturer	ABB
MPN / Reference	1SDA055784R1
Catalog number	055784
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-1566194D70
Generated	2026-08-05

Product Overview

E1N 1600 PR121/P-LI In=1600A 4p W MP

E1N1600 PR121/P LI 4P 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

Circular Value

Conflict Minerals Reporting Template (CMRT) Document availability on demand

Environmental

Environmental Information 9AKK10103A6076

REACH Declaration 9AKK108466A1425

RoHS Information 9AKK108466A1424

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

Ordering

EAN 8015644571245

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width 414 mm

Product Net Height 461 mm

Product Net Depth / Length 396.5 mm

Product Net Weight 54 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 67 kg
Package Level 1 EAN 8015644571245
Additional Information
Current Type AC
Electrical Durability $U_e \leq 440 \text{ V}$ 10000 cycle
 $U_e = 500 \dots 690 \text{ V}$ 8000 cycle
30 cycles per hour
Mechanical Durability 25000 cycle
60 cycles per hour
Number of Poles 4
Power Loss 378 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) 50 kA
(230 V AC) 50 kA
(400 V AC) 50 kA
(415 V AC) 50 kA
(440 V AC) 50 kA
(500 V AC) 50 kA
(660 V AC) 50 kA
(380 V AC) 50 kA
(690 V AC) 50 kA
Rated Short-time Withstand Current Low Voltage...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA055784R1 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.