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E1B1600PR121/P-LIIn=1600A3pWMP

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General Information

Extended Product Type:

E1B1600PR121/P-LIIn=1600A3pWMP

Product ID:

1SDA055680R1

EAN:

8015644570200

Catalog Description:

E1B 1600 PR121/P-LI In=1600A 3p W MP

Long Description:

SACE EMAX MOVING PART FOR CIRCUIT-BREAKER E1B 1600A THRE-POLE OVERCURRENT RELEASE PR121/P-LI R1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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Material Compliance**REACH Declaration:**

[REACH Declaration ABB Sace circuit breakers](#)

RoHS Information:

[RoHS Declaration ABB Sace circuit breakers](#)

RoHS Status:

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:**

[Product Environmental Information Emax](#)

Ordering**EAN:**

8015644570200

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions**Product Net Width:**

324 mm

Product Net Height:

461 mm

Product Net Depth / Length:

396.5 mm

Product Net Weight:

44 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:

55 kg

Package Level 1 EAN:

8015644570200

Additional Information**Product Main Type:**

SACE Emax

Product Name:

Air Circuit Breaker

Product Type:

Air Circuit Breaker

Version:

W

Technical**Current Type:**

AC

Electrical Durability:

Ue =< 440 V 10000 cycle

Ue = 500 ... 690 V 8000 cycle

30 cycles per hour

Mechanical Durability:

25000 cycle

60 cycles per hour

Number of Poles:

3P

Power Loss:

378 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 Voltage (I_{cw}):

for 1 s 42 kA
for 3 s 36 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):

(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 Uninterrupted Current (I_u):

1600 A

Rated Voltage (U_r):

690 V

Release:

PR121/P-LI

Release Type:

EL

Short-Circuit Performance Level:

B

Standards:

IEC

Sub-type:

E1

Terminal Connection Type:

Withdrawable Circuit-Breakers

Certificates and Declarations**Data Sheet, Technical Information:**

[New Emax - Low voltage air circuit-breakers](#)

Declaration of Conformity - CE:

[1SDL000165R0013](#)

Instructions and Manuals:

[Installation, service and maintenance instructions for low voltage air circuit-breakers Emax](#)

External Classifications and Standards**ETIM 8:**

EC000228 - Power circuit-breaker for trafo/generator/installation protection

Object Classification Code:

Q

UNSPSC:

39120000

WEEE Category:

5. Small Equipment (No External Dimension More Than 50 cm)



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