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# E2.2B 1600 Fikir G Hi-Touch LSIG 3p F HR

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## General Information

### Extended Product Type:

E2.2B 1600 Ekip G Hi-Touch LSIG 3p F HR

### Product ID:

1SDA070990R1

### EAN:

8015644748401

### Catalog Description:

E2.2B 1600 Ekip G Hi-Touch LSIG 3p F HR

### Long Description:

C.BREAKER SACE EMAX2 E2.2B 1600 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/G/HI-TOUCH-LSIG R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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**ABB EcoSolutions****ABB EcoSolutions:**

Yes

**ABB Site Meeting Group Waste To Landfill Target:**

UL 2799 Zero Waste To Landfill Validation available

**End Of Life Disassembling Instructions:**

[Disassembly instructions Emax 2 E2.2](#)

**Environmental Product Declaration - EPD:**

[EPD Emax 2 E2.2 IEC \(IT\)](#)

[EPD Emax 2 E2.2 IEC \(CN\)](#)

**Recyclability Rate of the Product acc. to EN45555:**

Design for Closing Resource Loops - Standard EN45555 - 79.1 %

**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):**

[CMRT - Conflict Minerals Reporting Template](#)

**Toxic Substances Control Act - TSCA:**

[Toxic Substances Control Act \(TSCA\) declaration](#)

**Environmental****Environmental Information:**

[Breakers - Packaging disposal information](#)

**Ordering****Order Code US and Canada:**

Z2BSEJBQ200A000000XX

**EAN:**

8015644748401

**Minimum Order Quantity:**

1 piece

**Customs Tariff number:**

85362090

Dimensions

Product Net Width:

276 mm

Product Net Height:

371 mm

Product Net Depth / Length:

270 mm

Product Net Weight:

41 kg

Container Information

Pack Level 1 Units:

box 1 piece

Package Level 1 Width:

515 mm

Package Level 1 Height:

610 mm

Package Level 1 Depth / Length:

515 mm

Package Level 1 Gross Weight:

46 kg

Package Level 1 EAN:

8015644748401

Additional Information

Product Main Type:

SACE Emax 2

Product name:

Air Circuit Breaker

Product Type:

Air Circuit Breaker

Version:

F

Technical

Current Type:

AC

Electrical Durability:

Ue =< 440 V 12000 cycle  
Ue = 500 ... 690 V 10000 cycle  
30 cycles per hour

Mechanical Durability:

25000 cycle  
60 cycles per hour

Number of Poles:

3P

Power Loss:

136 W

**Rated Current (  $I_n$  ):**

1600 A

**Rated Impulse Withstand Voltage (  $U_{imp}$  ):**

acc. to IEC 60947-2 12 kV

**Rated Insulation Voltage (  $U_i$  ):**

AC 1000 V

**Nominal Working 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

**Rated Service Short-Circuit Breaking Capacity, in % of  $I_{cu}$  (  $I_{cs}$  ):**

100 %

**Rated Short-time Withstand Current Low Voltage (  $I_{cw}$  ):**

for 1 s 42 kA  
for 3 s 42 kA

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

(400 V AC) 42 kA  
(415 V AC) 42 kA  
(440 V AC) 42 kA  
(500 V AC) 42 kA  
(525 V AC) 42 kA  
(690 V AC) 42 kA

**Rated Uninterrupted Current (  $I_u$  ):**

1600 A

**Rated Voltage (  $U_r$  ):**

690 V

**Release:**

Ekip G Hi-Touch LSIG

**Publication Type:**

EL

**Short-Circuit Performance Level:**

B

**Standards:**

IEC

**Sub-type:**

E2.2

**Suitable for IT Networks:**

Yes, 690V

**Terminal Connection Type:**

Rear flat Horizontal

**Certificates and Declarations**

**Datasheet, Technical Information:**

[SACE Emax 2. New low voltage air circuit-breakers](#)

**Declaration of Conformity - CE:**

[EC Declaration of Conformity Emax E2.2](#)

Instructions and Guides:

[Installation, operation and maintenance instructions for the installer and the user - Emax 2 E2.2-E4.2-E6.2](#)

Instructions and Guides (Part 2):

[Instructions for using Ekip Touch protection releases and Accessories](#)

External Classifications and Standards

ETIM 8:

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

ETIM 9:

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

IDEA Granular Category Code (IGCC):

4926 >> Air circuit breakers

Object Classification Code:

Q

UNSPSC:

39121615

WEEE Category:

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

eClass:

V11.1 : 27370409



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