



English



E2.2N 1600 Ekip G Touch LSIG 3p F HR

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General Information

Product Model:	E2.2N 1600 Ekip G Touch LSIG 3p F HR
Product ID:	1SDA070997R1
European Article Number (EAN):	8015644748470
Catalog Description:	E2.2N 1600 Ekip G Touch LSIG 3p F HR
Detailed description:	C.BREAKER SACE EMAX2 E2.2N 1600 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/G/TOUCH-LSIG R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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ABB EcoSolutions

ABB EcoSolutions:

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Produced at an ABB plant that has met the Group's landfill targets (plant name):

UL 2799 Zero Waste To Landfill Validation available

End of life disassembly guide:

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

Environmental Product Declaration - EPD:

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

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

Product recyclability according to EN45555 standard (%):

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 conditions

Environmental Information:

[Breakers - Packaging disposal information](#)

Ordering Information

Local Order Code_USCON:

Z2NSEJBN200A000000XX

European Article Number (EAN):

8015644748470

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

size

Net width of product:

276 mm

Net height of product:

371 mm

Net depth of product:

270 mm

Net weight:

41 kg

Packaging Information

Level 1 packaging unit:

box 1 piece

1st level packaging width:

515 mm

Level 1 packaging height:

610 mm

Length of 1st level packaging:

515 mm

Gross weight of level 1 packaging:

46 kg

Level 1 Packaging EAN:

8015644748470

Additional Information

Product Series:

SACE Emax 2

product:

Air Circuit Breaker

Product Application Type:

Air Circuit Breaker

Installation method:

F

Technical Parameters

Current Type:

AC

Electrical life:

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

Mechanical life:

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

Rated operating voltage:

690 V AC

Rated service short-circuit breaking capacity (I_{cs}):

- (220 V AC) 66 kA
- (230 V AC) 66 kA
- (380 V AC) 66 kA
- (400 V AC) 66 kA
- (415 V AC) 66 kA
- (440 V AC) 66 kA
- (500 V AC) 66 kA
- (660 V AC) 66 kA
- (690 V AC) 66 kA

Rated operating short-circuit breaking capacity, expressed as % of I_{cu} (I_{cs}):

100 %

Rated uninterruptible current (I_{cw}):

- for 1 s 66 kA
- for 3 s 50 kA

Rated ultimate short-circuit breaking capacity (I_{cu}):

- (400 V AC) 66 kA
- (415 V AC) 66 kA
- (440 V AC) 66 kA
- (500 V AC) 66 kA
- (525 V AC) 66 kA
- (690 V AC) 66 kA

Rated continuous current (I_u):

1600 A

Rated voltage(U_r):

690 V

Trip unit:

Ekip G Touch LSIG

Trip unit type:

EL

Short circuit performance level:

N

standard:

IEC

Frame grade:

E2.2

Suitable for IT Networks:

Yes, 690V

Terminal connection type:

Rear flat Horizontal

Certification and declaration (document code)

Data sheet, technical information:

[Catalogue \(.PDF\) \[ZH\] Emax 2 ACB](#)

Declaration of Conformity - CE:

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

Instructions and Manuals:

[Manual \(.PDF\) \[ZH\] Emax 2 E2.2-E4.2-E6.2](#)

Instructions and Manuals (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 Granularity Classification Code (IGCC):

4926 >> Air circuit breakers

Object Classification Code:

Q

UNSPSC:

39121615

WEEE Category:

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

E-level:

V11.1 : 27370409



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