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E2.2N 1000 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type:

E2.2N 1000 Ekip Hi-Touch LSIG 4p F HR

Product ID:

1SDA071559R1

EAN:

8015644754099

Catalog Description:

E2.2N 1000 Ekip Hi-Touch LSIG 4p F HR

Long Description:

C.BREAKER SACE EMAX2 E2.2N 1000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1000 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:**

ZBNQEGBK200A000000XX

EAN:

8015644754099

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions

Product Net Width:

366 mm

Product Net Height:

371 mm

Product Net Depth / Length:

270 mm

Product Net Weight:

53 kg

Container Information

Package Level 1 Units:

box 1 piece

Package Level 1 Width:

515 mm

Package Level 1 Height:

610 mm

Package Level 1 Depth / Length:

615 mm

Package Level 1 Gross Weight:

58 kg

Package Level 1 EAN:

8015644754099

Additional Information

Product Main Type:

SACE Emax 2

Product Name:

Air Circuit Breaker

Product Type:

Air Circuit Breaker

Version:

F

CAD Dimensional Drawing:

[E2.2 IV F](#)

Technical

Current Type:

AC

Electrical Durability:

Ue =< 440 V 15000 cycle
Ue = 500 ... 690 V 15000 cycle
30 cycles per hour

Mechanical Durability:

25000 cycle
60 cycles per hour

Neutral Pole Current ([%I_n]):

100 %

Number of Poles:

4P

Power Loss:

53 W

Rated Current (I_n):

1000 A

Rated Impulse Withstand Voltage (U_{imp}):

acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):

AC 1000 V

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

100 %

Rated Short-time Withstand Current Low Voltage (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 Uninterrupted Current (I_u):

1000 A

Rated Voltage (U_r):

690 V

Recommended Screw Driver:

Main Circuit M12

Release:

Ekip Hi-Touch LSIG

Release Type:

EL

Short-Circuit Performance Level:

N

Standards:

IEC

Sub-type:

E2.2

Suitable for IT Networks:

Yes, 690V

Terminal Connection Type:

Rear flat Horizontal

Terminal Type:

Bolt

Tightening Torque:

70 N·m

Certificates and Declarations**ATEX Certificate:**[No certification needed](#)**CSA Certificate:**[No certification needed](#)**CSA Certificate (Intrinsic Safe):**[No certification needed](#)**Data Sheet, Technical Information:**[SACE Emax 2. New low voltage air circuit-breakers](#)**Declaration of Conformity - CE:**[EC Declaration of Conformity Emax E2.2](#)**UL Certificate:**[No certification needed](#)**VDE Certificate:**[No certification needed](#)**Mechanical Drawings:**[1SDH001000R0100](#)**Wiring Diagram:**[Circuit diagram for Emax 2 series circuit breakers](#)**Instructions and Manuals:**[Installation, operation and maintenance instructions for the installer and the user - 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 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

