



English ▼



E2.2H 800 Ekip Dip LSIG 3p F HR

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General Information

Extended Product Type:

E2.2H 800 Ekip Dip LSIG 3p F HR

Product ID:

1SDA070913R1

EAN:

8015644747633

Catalog Description:

E2.2H 800 Ekip Dip LSIG 3p F HR

Long Description:

C.BREAKER SACE EMAX2 E2.2H 800 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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Go To Section:

ABB EcoSolutions
Environmental
Dimensions
Additional Information
Certificates and Declarations

Material Compliance
Ordering
Container Information
Technical
External Classifications and Standards

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](#)

SCIP:

019c1326-737e-4c92-86e9-3954f393c58f Italy

Simplified SCIP:

4e3d89b0-415c-4bf9-a27c-cf799bb317dc Germany
c6e8a02d-c1fb-45f7-8af0-a9f67ab770b7 Hungary
e40f272e-008c-4b3a-8543-b9f4911ea8db Norway
7ac855b6-a969-41cd-835b-51a7d14d95dd Poland
d733475f-5410-47c4-8015-3c266a6de835 Greece
0e6fb7f1-878d-4916-98bd-1c340992bbc3 France
ca7088eb-895b-4806-b920-69a24fa3b72a Finland
c880dd85-67c4-43a4-8f3f-3cb097d2b60f Netherlands
509e8cc2-a19a-4799-8bcd-a7e832534fd6 Belgium
257c1e1b-af83-45a6-9c15-669e4bbadd3f Sweden
e6cce25c-7136-44b7-9665-e1637b2a84d5 Estonia
746f9f22-77d0-4290-9ff1-e4e1cab6af60 Germany
d837db3d-5ac5-4faa-9ab0-2710ab4a9c3e Germany
4082fc64-55ec-455b-bcdc-baa6a632d00a Croatia
cd2f723d-f1e8-4dd2-a3db-da98f76746af Bulgaria
859ec19c-ca1b-444f-9f32-544606a5ee1e Denmark
6756e496-25b0-49fd-afb9-04f7760bfa90 Germany
9a644021-ec31-44bf-91c3-67e18f0fecb4 Germany

72becd04-6521-4ad7-8392-211e56698752 Spain
5618f2a5-071a-4b03-a6f6-1a794f09d929 Belgium
38b6f5bf-fa13-4026-b50f-2c1bfba5326b France
42a42bb5-4bcb-4880-88e1-f86ee9f33b5a Sweden
bfd2ed14-0dd6-414f-aa32-0988824620f9 Portugal
9b7c9202-88cf-4cff-a259-56e447020b06 Poland
4ad655f9-a4d1-4b59-b75a-cb2817c9704a Poland
2fba534e-47b3-41b9-aa1a-1ba16e58f51f Hungary
b3d52e76-0f7f-4442-a468-9e08befbe998 Czech Republic

Environmental

Environmental Information:

[Breakers - Packaging disposal information](#)

Ordering

Order Code US and Canada:

Z2HPEFBC000A000000XX

EAN:

8015644747633

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

Package 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:

8015644747633

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 III 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

Number of Poles:

3P

Power Loss:

34 W

Rated Current (I_n):

800 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) 100 kA

(230 V AC) 100 kA

(380 V AC) 100 kA

(400 V AC) 100 kA

(415 V AC) 100 kA

(440 V AC) 100 kA

(500 V AC) 85 kA

(660 V AC) 85 kA

(690 V AC) 85 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 85 kA

for 3 s 66 kA

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

(400 V AC) 100 kA

(415 V AC) 100 kA
(440 V AC) 100 kA
(500 V AC) 85 kA
(525 V AC) 85 kA
(690 V AC) 85 kA

Rated Uninterrupted Current (I_u):

800 A

Rated Voltage (U_r):

690 V

Recommended Screw Driver:

Main Circuit M12

Release:

Ekip Dip LSIG

Release Type:

EL

Short-Circuit Performance Level:

H

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:

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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