



English ▼



E2.2S 800 Ekip Touch LSI 4p F HR

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General Information

Extended Product Type:

E2.2S 800 Ekip Touch LSI 4p F HR

Product ID:

1SDA071535R1

EAN:

8015644753856

Catalog Description:

E2.2S 800 Ekip Touch LSI 4p F HR

Long Description:

C.BREAKER SACE EMAX2 E2.2S 800 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 800 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](#)

SCIP:

f90a4dab-ce97-423c-a66a-7880035e5d2a Italy

Simplified SCIP:

19b6e8f6-38d9-4266-9486-8d390d36397d Germany
dc208b3d-a29c-4145-ae6-53929aaf9981 Belgium
e0fe5e3a-b636-4203-883b-034c3212cc4c Greece
2b223148-07b7-4b49-a117-82c4deca148a Estonia
3ae973a3-dc1b-49f9-9d92-e02a4c3862ee Portugal
67ad8d38-fc3a-4709-aff5-49d90c49225d Bulgaria
b40987a3-9ce0-4cad-a40b-c80c3bc7ca50 Poland
7be1a841-5ca2-4c58-80c7-8c8cb2babc4c Sweden
68b0bbfb-2289-4e58-a3e4-890199e2642a Hungary
1a5089de-f6d4-438f-9c54-e553f827f5e2 Poland
ff4d306e-11cd-48b1-a19a-f2cfe5e164f6 Czech Republic
c2d50fd1-8338-4699-9042-959c9c2094ef Germany
3742d0dc-2813-47cb-86fc-d1fb01103076 Germany
18067b00-7d5e-43a8-bfc0-e4375f8d8b7b Germany
5ee0bd89-43d4-4b0c-a62a-5f911e6f6314 France
29510783-94b6-4253-9d67-f14f0c76c2ca Croatia
20d84a3e-0e53-49f4-ade2-190589aee778 Finland
88a62210-ff0a-4c49-a914-7968ea3de19f Belgium

e6c4c95b-bd12-4451-ae29-dc92b5ebd577 Sweden
789d56e3-deef-4113-92e8-86b47cf8c82b Norway
9587a7b8-91c4-42cf-a78c-fb236d9b2382 Denmark
42fea055-de65-4c4b-827d-4411df0a3334 Germany
baaf6410-70e3-4c0d-9071-4de6f25d943d Poland
42f348ed-c9e4-4d79-9005-f4b3aa4064b7 Netherlands
b41f8293-75c5-4cce-96d7-00c211f0e628 Spain
0f2e44b0-6e14-42fd-8ef0-a1ae0438f6d2 Hungary
f37e1ab2-9d08-44ee-a61c-8eda5a467909 France

Environmental

Environmental Information:

[Breakers - Packaging disposal information](#)

Ordering

Order Code US and Canada:

ZBSPEFBEO00A000000XX

EAN:

8015644753856

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:

8015644753856

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:

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) 85 kA
(230 V AC) 85 kA
(380 V AC) 85 kA
(400 V AC) 85 kA
(415 V AC) 85 kA
(440 V AC) 85 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) 85 kA
(415 V AC) 85 kA
(440 V AC) 85 kA
(500 V AC) 66 kA
(525 V AC) 66 kA
(690 V AC) 66 kA

Rated Uninterrupted Current (I_u):

800 A

Rated Voltage (U_r):

690 V

Recommended Screw Driver:

Main Circuit M12

Release:

Ekip Touch LSI

Release Type:

EL

Short-Circuit Performance Level:

S

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



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