



English ▼



E1.2B 800 Ekip Touch LSI 4p F F

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General Information

Extended Product Type:

E1.2B 800 Ekip Touch LSI 4p F F

Product ID:

1SDA071375R1

EAN:

8015644752255

Catalog Description:

E1.2B 800 Ekip Touch LSI 4p F F

Long Description:

C.BREAKER SACE EMAX2 E1.2B 800 FIXED FOUR-POLE WITH FRONT TERMINALS 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 E1.2](#)

Environmental Product Declaration - EPD:

[EPD Emax 2 E1.2 IEC \(IT\)](#)

[EPD Emax 2 E1.2 IEC \(CN\)](#)

Recyclability Rate of the Product acc. to EN45555:

Design for Closing Resource Loops - Standard EN45555 - 76.4 %

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:**

ZABPEFBEO00A000000XX

EAN:

8015644752255

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions

Product Net Width:

280 mm

Product Net Height:

296 mm

Product Net Depth / Length:

183 mm

Product Net Weight:

16 kg

Container Information

Package Level 1 Units:

box 1 piece

Package Level 1 Width:

350 mm

Package Level 1 Height:

350 mm

Package Level 1 Depth / Length:

330 mm

Package Level 1 Gross Weight:

18 kg

Package Level 1 EAN:

8015644752255

Additional Information

Product Main Type:

SACE Emax 2

Product Name:

Air Circuit Breaker

Product Type:

Air Circuit Breaker

Version:

F

CAD Dimensional Drawing:[E1.2 IV F](#)

Technical

Current Type:

AC

Electrical Durability:

Ue =< 440 V 8000 cycle

Ue = 500 ... 690 V 8000 cycle

30 cycles per hour

Mechanical Durability:

20000 cycle

60 cycles per hour

Neutral Pole Current ([%I_n]):

100 %

Number of Poles:

4P

Power Loss:

50 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) 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
(500 V AC) 42 kA
(660 V AC) 42 kA
(690 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 24 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):

800 A

Rated Voltage (U_r):

690 V

Recommended Screw Driver:

Main Circuit M10

Release:

Ekip Touch LSI

Release Type:

EL

Short-Circuit Performance Level:

B

Standards:

IEC

Sub-type:

E1.2

Suitable for IT Networks:

Yes, 690V

Terminal Connection Type:

Front

Terminal Type:

Bolt

Tightening Torque:

45 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 E1.2](#)**UL Certificate:**[No certification needed](#)**VDE Certificate:**[No certification needed](#)**Mechanical Drawings:**[E1.2 III-IV Fixed F FF](#)**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 E1.2](#)**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

