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E2.2S 800 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type:

E2.2S 800 Ekip Hi-Touch LSIG 4p F HR

Product ID:

1SDA071539R1

EAN:

8015644753894

Catalog Description:

E2.2S 800 Ekip Hi-Touch LSIG 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/HI-TOUCH-LSIG R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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Go To Section:[ABB EcoSolutions](#)[Material Compliance](#)[Environmental](#)[Ordering](#)[Dimensions](#)[Container Information](#)[Additional Information](#)[Technical](#)[Certificates and Declarations](#)[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](#)**Environmental****Environmental Information:**[Breakers - Packaging disposal information](#)**Ordering****Order Code US and Canada:**[ZBSPEFBK200A000000XX](#)

EAN:
8015644753894
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:
8015644753894

Additional Information

Product Main Type:
SACE Emax 2
Product Name:
Air Circuit Breaker
Product Type:
Air Circuit Breaker
Version:
F
CAD Dimensional Drawing:
<u>E2.2 IV F</u>

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_{CSW}):

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 Hi-Touch LSIG

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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