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E1.2B 1250 Ekip Dip LI 3p F F

General Information

Extended Product Type:

E1.2B 1250 Ekip Dip LI 3p F F

Product ID:

1SDA070821R1

EAN:

8015644746711

Catalog Description:

E1.2B 1250 Ekip Dip LI 3p F F

Long Description:

C.BREAKER SACE EMAX2 E1.2B 1250 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 1250 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)

Extended Product Lifetime:

Lifetime Extension Services are Offered

Recyclability Rate of the Product acc. to EN45555:

Design for Closing Resource Loops - Standard EN45555 - 77.6 %

Material Compliance

REACH Declaration:

REACh Declaration ABB Sace circuit breakers

RoHS Declaration:

RoHS Declaration ABB Sace circuit breakers

RoHS Information:

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:

5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy

Simplified SCIP:

a16503c8-c993-4d7a-9277-704db1bb451b Germany
8b03cfe9-7657-4778-acb1-5e456af5c76a Denmark

64831dac-5718-413a-b2dd-c2a16236b94f Sweden
7635dc57-155c-4b3b-8d16-637f7a9317ca Estonia
bf55e5c1-47fb-4603-bc85-150f2bba6810 Netherlands
8d8d3917-aca7-4875-98c5-244d35793f56 Bulgaria
cc5cb3c7-f20f-4e57-a699-41c96b5a1eef Norway
560d9c18-bf6e-4a6e-b95a-82f0dcbd0d2c Sweden
55ebef71-4502-4891-8767-e9a15ef09392 Poland
7e9377e0-b60f-471e-982f-360fb85b51c6 France
5b96a5ce-08d7-4ea3-9d9d-b2ed25c73f5d Belgium
7f3be359-1216-4d35-b9d4-eab9cbb290fd Poland
13fc1439-00ad-45bf-abdd-5ede1ce20a7d Hungary
de9a0119-6bd3-4d97-a5d3-1e74d280ccf7 Belgium
08ff7a7d-f7c4-4a97-ab1f-2f60e52ccc4e Germany
18044daa-d0c0-4608-bafb-451bb9d8efe4 Croatia
de6447a0-df24-4a20-8466-f5f11a930a19 Finland
5ede7a36-3b83-4497-b7e0-ef217691ad89 Czechia
f49fce99-7561-4c32-880a-478431f7efd7 Greece
e5eed5bf-546a-4db4-a608-d4b83c43c056 Poland
f40ef067-0a7a-4928-831d-6affa0d2f0c7 Germany
8ad28a13-de77-4592-95fd-897a501569c8 Germany
05702ea0-ab49-475f-8469-3cf48dabeb77 Portugal
1ac41cb5-8851-4d50-97e5-9a58e2df1d99 Spain
6e3f01fd-be03-4be8-9d80-b02a9984a4e1 Germany
1c74a6dc-b960-484a-a4e4-4114d79c6a3d Hungary
a940f727-3880-42c1-bdc0-d5e1d498ddaf France

Environmental

Environmental Information:

Breakers - Packaging disposal information

Ordering

Order Code US and Canada:

Z1BREHBA000A000000XX

EAN:

8015644746711

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions

Product Net Width:

210 mm

Product Net Height:

296 mm

Product Net Depth / Length:

183 mm

Product Net Weight:

14 kg

Container Information

Package Level 1 Units:

box 1 piece

Package Level 1 Width:

270 mm

Package Level 1 Height:

350 mm

Package Level 1 Depth / Length:

330 mm

Package Level 1 Gross Weight:

16 kg

Package Level 1 EAN:

8015644746711

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 III F

Technical

Connecting Capacity:

1000 mm^2

Current Type:

AC

Electrical Durability:

Ue =< 440 V 8000 cycle
Ue = 500 ... 690 V 6500 cycle
30 cycles per hour

Mechanical Durability:

20000 cycle
60 cycles per hour

Number of Poles:

3P

Power Loss:

122 W

Rated Current (I_n):

1250 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 Icu (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):

1250 A

Rated Voltage (U_r):

690 V

Recommended Screw Driver:

M12

Release:

Ekip Dip LI

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

EU Data Act Compliance Declaration:

EU Data Act Compliance Declaration - Circuit Breakers

UL Certificate:

No certification needed

VDE Certificate:

No certification needed

Mechanical Drawings:

E1.2 III-IV Fixed F EF

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

External Classifications and Standards

ETIM 9:

EC000228 - Power circuit-breaker for trafo/generator/installation protection

ETIM 10:

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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