



English ▼



## E1.2N 800 Ekip Hi-Touch LSIG 3p WMP

[Print to PDF](#)

[Buy now](#)

### General Information

**Extended Product Type:**

E1.2N 800 Ekip Hi-Touch LSIG 3p WMP

**Product ID:**

1SDA072119R1

**EAN:**

8015644759698

**Catalog Description:**

E1.2N 800 Ekip Hi-Touch LSIG 3p WMP

**Long Description:**

MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 800 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

[Add to Cart](#)

[Read More](#)

[Data Sheet](#)

[Downloads](#)

[Buy now](#)

[Categories](#)

[Related Links](#)

**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 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](#)

**SCIP:**

889bba43-93bb-4307-9e69-2e9e0d1d6932 Italy

**Simplified SCIP:**

1be70279-5032-4b6c-a13e-a441cf2b2d8c Croatia  
 3aa4b6d6-a9b4-4f11-820f-3ef2eb297c3f Poland  
 cd6031db-bd91-4aa4-aca3-8fe2aadda9ce Germany  
 57517cb0-34da-4908-aaa8-35ae5a2b9bc4 Poland  
 c63e6ec4-b12f-43db-92e5-98507ce7e196 Hungary  
 f93868e7-b636-424a-b890-8e149cd5d223 Denmark  
 8733c755-51fc-48ad-9890-0fe0fa486996 Germany  
 9c4e5205-970c-441c-9518-aea41f4a48f9 Bulgaria  
 f93868e7-b636-424a-b890-8e149cd5d223 Denmark

e762d99a-c86c-4083-8523-1ea9040344f5 Sweden  
 c0823489-7612-4500-b100-87c1c3b83589 Finland  
 68166aeb-6611-4d7c-84b9-579562e8dd46 Germany  
 782c42a9-cead-47c0-9b0d-239e51e3ca2c Netherlands  
 1be70279-5032-4b6c-a13e-a441cf2b2d8c Croatia  
 d823dd12-1cd4-4b1b-8732-4daf1e8b9573 Czech Republic  
 8733c755-51fc-48ad-9890-0fe0fa486996 Germany  
 c0823489-7612-4500-b100-87c1c3b83589 Finland  
 09b63d81-3ed3-4cf9-b4d9-0253a184cdd7 Portugal  
 55f11436-1854-4368-903d-9e6cbdd54892 Greece  
 fd0b803f-a7cf-45b6-85cc-3411837b96ee France  
 133f3380-41f7-4044-8c27-9eecbb8638bd Norway  
 cd6031db-bd91-4aa4-aca3-8fe2aadda9ce Germany  
 b76a2be2-3012-4ddc-8e2e-022ed63a174d Germany  
 2400476e-c9c0-4c7c-811b-e593143c9f6b Sweden  
 365fba2b-79a7-4654-ba66-cea32bea32cd Germany  
 4a2de81c-79df-4bc4-8bb3-1befdd0d1c9d Hungary  
 9c4e5205-970c-441c-9518-aea41f4a48f9 Bulgaria  
 d823dd12-1cd4-4b1b-8732-4daf1e8b9573 Czech Republic  
 419cbda6-063a-4c8d-a7e9-e8a28940e5cb Belgium  
 782c42a9-cead-47c0-9b0d-239e51e3ca2c Netherlands  
 3aa4b6d6-a9b4-4f11-820f-3ef2eb297c3f Poland  
 09b63d81-3ed3-4cf9-b4d9-0253a184cdd7 Portugal  
 99c9fa41-9b23-4a29-bf47-a9be6ff62c08 Poland  
 fc191b80-05ca-4267-ae20-80d896483438 Belgium  
 55f11436-1854-4368-903d-9e6cbdd54892 Greece  
 720a60bf-38b6-49bd-abe3-7e8fdcc1cc57 Spain  
 419cbda6-063a-4c8d-a7e9-e8a28940e5cb Belgium  
 c63e6ec4-b12f-43db-92e5-98507ce7e196 Hungary  
 f964af42-585e-4315-9759-0d47d8d4ebcc Estonia  
 720a60bf-38b6-49bd-abe3-7e8fdcc1cc57 Spain  
 99c9fa41-9b23-4a29-bf47-a9be6ff62c08 Poland  
 f964af42-585e-4315-9759-0d47d8d4ebcc Estonia  
 da8ca4fb-d791-439f-9643-44ec38f2e8e0 France  
 4a2de81c-79df-4bc4-8bb3-1befdd0d1c9d Hungary  
 b76a2be2-3012-4ddc-8e2e-022ed63a174d Germany  
 da8ca4fb-d791-439f-9643-44ec38f2e8e0 France  
 365fba2b-79a7-4654-ba66-cea32bea32cd Germany  
 2400476e-c9c0-4c7c-811b-e593143c9f6b Sweden  
 fd0b803f-a7cf-45b6-85cc-3411837b96ee France  
 e762d99a-c86c-4083-8523-1ea9040344f5 Sweden  
 57517cb0-34da-4908-aaa8-35ae5a2b9bc4 Poland  
 68166aeb-6611-4d7c-84b9-579562e8dd46 Germany  
 fc191b80-05ca-4267-ae20-80d896483438 Belgium  
 133f3380-41f7-4044-8c27-9eecbb8638bd Norway

---

## Environmental

### Environmental Information:

[Breakers - Packaging disposal information](#)

---

## Ordering

### Order Code US and Canada:

Z1NPEFAK200A000000XX

---

### EAN:

8015644759698

---

### Minimum Order Quantity:

1 piece

---

### Customs Tariff Number:

85362090

---

## Dimensions

**Product Net Width:**278 mm

---

**Product Net Height:**363.5 mm

---

**Product Net Depth / Length:**271 mm

---

**Product Net Weight:**18 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:**20 kg

---

**Package Level 1 EAN:**8015644759698

---

## Additional Information

**Product Main Type:**SACE Emax 2

---

**Product Name:**Air Circuit Breaker

---

**Product Type:**Air Circuit Breaker

---

**Version:**W

---

**CAD Dimensional Drawing:**[E1.2 III W](#)

---

## Technical

**Current Type:**AC

---

**Electrical Durability:**

Ue =&lt; 440 V 8000 cycle

Ue = 500 ... 690 V 8000 cycle

30 cycles per hour

---

**Mechanical Durability:**20000 cycle

---

60 cycles per hour

**Number of Poles:**

3P

**Power Loss:**

100 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) 66 kA

(230 V AC) 66 kA

(380 V AC) 66 kA

(400 V AC) 50 kA

(415 V AC) 50 kA

(440 V AC) 50 kA

(500 V AC) 50 kA

(660 V AC) 50 kA

(690 V AC) 50 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 50 kA

for 3 s 30 kA

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

(400 V AC) 66 kA

(415 V AC) 66 kA

(440 V AC) 66 kA

(500 V AC) 50 kA

(525 V AC) 50 kA

(690 V AC) 50 kA

**Rated Uninterrupted Current ( $I_u$ ):**

800 A

**Rated Voltage ( $U_r$ ):**

690 V

**Release:**

Ekip Hi-Touch LSIG

**Release Type:**

EL

**Short-Circuit Performance Level:**

N

**Standards:**

IEC

**Sub-type:**

E1.2

**Suitable for IT Networks:**

Yes, 690V

**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 Withdrawable F](#)**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 &gt;&gt; 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



## PRODUCTS

[Offerings A-Z](#)[Services](#)[Where to buy](#)

## INDUSTRY SOLUTIONS

[Channel partners](#)[Buildings and infrastructure](#)[Industrial automation](#)

## INVESTORS

[Investor & shareholder resources](#)[Quarterly results & annual reports](#)[Corporate governance](#)

## COMPANY

[Customer events](#)[News & media](#)[Who we are](#)

[Marine](#)

[Calendar, events and publications](#)

[Innovation](#)

[Oil & gas](#)

[Careers](#)

[Power generation](#)

[Sustainability](#)

[Our values](#)

[Supplying](#)



[Provider information](#)

[Privacy Notice](#)

[Cookie settings](#)

© 1995 - 2025