





## E1.2N 630 Ekip Dip LSIG 3p WMP

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### General Information

**Extended Product Type:**

E1.2N 630 Ekip Dip LSIG 3p WMP

**Product ID:**

1SDA072073R1

**EAN:**

8015644759230

**Catalog Description:**

E1.2N 630 Ekip Dip LSIG 3p WMP

**Long Description:**

MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 630 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 630 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:**

Z1NNEEAC000A000000XX

**EAN:**

8015644759230

**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:**

8015644759230

**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 =< 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:**

62 W

**Rated Current ( $I_n$ ):**

630 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 ( $I_u$ ):**

630 A

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

690 V

**Release:**

Ekip Dip 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](#)**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



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