

PRODUCT-DETAILS

# E1.2C 800 Ekip Dip LI 3p F F

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## General Information

Extended Product Type	E1.2C 800 Ekip Dip LI 3p F F
Product ID	1SDA070751R1
EAN	8015644746018
Catalog Description	E1.2C 800 Ekip Dip LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

## ABB EcoSolutions

ABB EcoSolutions	Yes
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## Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 76.4 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2360

Group Waste to Landfill  
Target

UL 2799 Zero Waste To Landfill Validation available

Toxic Substances  
Control Act - TSCA 9AKK108467A8326

## Eco Transparency

Environmental Product  
Declaration - EPD 9AKK108468A1900  
9AKK108468A3028

## Environmental

Environmental  
Information 9AKK108467A6707  
REACH Declaration 9AKK108466A1425  
RoHS Information 9AKK108466A1424  
RoHS Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

## Ordering

Order Code US and  
Canada Z1CPEFBA000A000000XX  
EAN 8015644746018  
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 8015644746018

## Additional Information

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	3
Power Loss	50 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cs</sub> (I <sub>cs</sub> )	100 %
Rated Current (I <sub>n</sub> )	800 A
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U <sub>i</sub> )	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 50 kA (230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I <sub>u</sub> )	800 A
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	E1.2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0001

## Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	No certification needed
Data Sheet, Technical	1SDC200023D0209

## Information

Declaration of Conformity - CE	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002

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**Classifications**

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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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**Categories**

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

