



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
Display Name:	E1.2C 800 Ekip Dip LI 3p F F

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:	9AKK108468A2360
Environmental Product Declaration - EPD:	9AKK108468A1900 9AKK108468A3028
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:	9AKK108466A1425
RoHS Declaration:	9AKK108466A1424
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
Toxic Substances Control Act - TSCA:	9AKK108467A8326
Simplified SCIP:	15a75ea6-87db-41c5-8aae-2b11c19cd5ca Finland 6ee0fd72-bc20-4cbd-9386-8f7d9747a7ae Bulgaria ef6e1088-e7aa-4e81-842c-840a2e36cd13 Sweden 25962849-0630-4d20-9a18-cdd2e34c4c80 Belgium 8802d1c8-1ec5-4da1-92fc-3f0c4d365106 Germany f3c5dd24-e566-413a-8c80-f2428547c275 Portugal 801aa307-a290-43bf-8337-b14f9be3f8dc Denmark ba8915b2-61b1-494a-8eca-e59773346c2a Germany bde72632-1ea4-4c67-a444-b3092536066d Poland 632fee04-e082-435d-b506-667fb3ae433b France 1df436f8-11df-4a6a-867d-11b8003ce188 Croatia f123b720-0846-4de3-a43e-93122a890f02 Sweden 644a18c1-9a1d-4046-b4e4-31b0dd0660a4 Greece c5a4ab64-cff1-4149-8c6d-797f1e8bcfee Poland a5082cfe-38d5-48a3-8d66-6d5bf40f8ce8 Spain e9d4d5dd-5a78-4923-a415-8e445a0f420d Netherlands 3246ead9-5cb6-4aeb-9409-84753b888647 Poland 041943a3-8e8d-4d76-9b3c-4705bd73d831 Belgium 89718cd2-80ce-4bd0-b198-6dcbcbbaddfdc Norway 08d8f836-f199-413f-b130-0dcf7b76e697 Hungary 547328fd-e8cc-42af-8545-e98f65456468 Germany 7f4eb7b7-a61f-467b-9c76-0122e1f40d4b Germany 191a63c6-de88-4268-b3b6-173c5f0bb6a2 Czechia 6c6fe3ab-3540-47b4-9e7f-34f5dc783303 Hungary 81aa6ec7-6725-4d78-ad6a-8a9ec243b740 Germany ec9fc84a-49cd-450d-8d9b-7f0c6e8a8051 Estonia 32120508-5ac9-4dcb-a885-1f1956ba849c France

Environmental

Environmental Information:	9AKK108467A6707
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Ordering

Order Code US and Canada:	Z1CPEFBA000A000000XX
EAN:	8015644746018
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	210 mm
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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

Product Main Type:	SACE Emax 2
Product Name:	Air Circuit Breaker
Product Type:	Air Circuit Breaker
Version:	F
CAD Dimensional Drawing:	1SDH001252R0001

Technical

Connecting Capacity:	500 mm ²
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:	50 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) 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 Service Short-Circuit Breaking Capacity, in % of I _{cu} (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) 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_u):	800 A
Rated Voltage (U_r):	690 V
Recommended Screw Driver:	M12
Release:	Ekip Dip LI
Release Type:	EL
Short-Circuit Performance Level:	C
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:	1SDC200023D0209
Declaration of Conformity - CE:	9AKK106713A5546
EU Data Act Compliance Declaration:	1SDH002560A1001
UL Certificate:	No certification needed
VDE Certificate:	No certification needed
Mechanical Drawings:	1SDH000999R0101
Wiring Diagram:	1SDM000091R0001
Instructions and Manuals:	1SDH000999R0002

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

Categories

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

