



PRODUCT-DETAILS

E1.2C 1000 Ekip Dip LI 4p F F

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General Information	
Extended Product Type	E1.2C 1000 Ekip Dip LI 4p F F
Product ID	1SDA071421R1
EAN	8015644752712
Catalog Description	E1.2C 1000 Ekip Dip LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 1000 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Product acc. to EN45555

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	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
SCIP	807570cc-b576-4bf6-99d5-6b3f86c2f092 Italy
Simplified SCIP	bfd5b5638-e373-4570-9412-a26ab0731d58 Germany 8824832b-a177-4e72-acab-db2fa5f1abd3 Croatia c505afaf-9c5a-4195-a817-1ec30a8eba30 Germany 314aa721-939c-4474-9b5b-a82d76a92d43 France 4455d44e-f40f-4892-88be-8fce7b94c7e5 Hungary 019d6ee1-1d4e-4543-b8d3-eb5fcbc78e2f Germany 22637b77-fb5b-4d2e-9d7d-1006782929ed Germany 38658ed6-3323-499f-91ec-8cd54e18ed8f Netherlands e3d36915-86ee-4148-a8a4-cee6d5fd83fc Hungary 98b1363d-ee6f-479e-8b85-05fb9183c003 Estonia 3efbfacd-59a8-4fa0-bd72-e3e915ed2d0f Portugal 99e7c427-256e-4906-815a-5de234d164d7 Bulgaria c5f90a17-e129-4799-84e3-c897c50455f3 Sweden 953132ad-eb77-4a71-b1ba-69f224b5fce4 Poland 7db4dec2-33fc-4187-983b-a572c2274805 France ca1824ed-0597-43ec-8815-e291c68f28d2 Poland 095b6e60-465b-42e3-884c-18443517b916 Spain 9648d01c-702d-484f-a2c8-ac59ae902a37 Belgium 2b74d837-9838-485d-af76-14514eba4648 Greece 2d5e1e18-c63c-499d-b1e9-2505f52779cd Sweden fe2c0c20-ec80-4b8e-85f1-df7bd4703a5b Czech Republic f1a6a2c3-6c16-47bf-9e87-244e55cae8a8 Poland 2f2ba68f-a8bd-4f47-bf20-d3d6dc5f58e4 Norway cccb2d53-c742-42d5-8dd4-c09563a54b37 Finland 09e5adb2-457e-44c0-9849-5d3529c3a420 Belgium 720597b5-89e2-426e-9d17-518c97bafb5b Germany 7aabf370-a016-47fb-967f-9d25ef5a8737 Denmark

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZACQEGBA000A000000XX
EAN	8015644752712
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm

Product Net Weight	16 kg
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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644752712

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

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
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4P
Power Loss	78 W
Rated Current (I _n)	1000 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-	(400 V AC) 50 kA

Circuit Breaking Capacity (I_{cu})	(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)	1000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
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
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 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

Categories

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

