



PRODUCT-DETAILS

E1.2C 630 Ekip Touch LSIG 4p F F

E1.2C 630 Ekip Touch LSIG 4p F F



General Information	
Extended Product Type	E1.2C 630 Ekip Touch LSIG 4p F F
Product ID	1SDA071346R1
EAN	8015644751968
Catalog Description	E1.2C 630 Ekip Touch LSIG 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 630 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	759caf62-7632-4c6b-bbc0-6d4946f2a7f5 Italy
Simplified SCIP	a47782a2-342d-4681-9e25-9735abe01842 Germany 3435cc0e-1a70-4a6f-9a30-dfaac91324cc France cf8877a0-54c2-48c3-bb2e-06107fcce08a Germany 9f07f429-e819-4f26-9596-f1728fc46b85 Poland f87231ca-4cbb-454f-ba10-52ccda84750b Sweden 4261c019-d384-4a5a-9b96-6d6fd6c4bf2e France 08427cd6-2864-47b7-97d5-29ba9d4d9226 Hungary 95d5be3b-163e-4137-ac02-ffc7f2a902c Greece 62c337b3-24ca-404b-99c9-6c548abe4c5c Estonia b3f3ab3f-3279-40c5-b2c5-9d48902a16a1 Poland 3435cc0e-1a70-4a6f-9a30-dfaac91324cc France 62c337b3-24ca-404b-99c9-6c548abe4c5c Estonia 125bdf73-34bd-474f-bfab-a1c22787363d Spain ddad17af-1afc-4bf8-9920-b3be357ad175 Netherlands e14c9282-d228-4a3a-a669-a991f7a36706 Sweden 349d5a30-3e83-4310-8c1e-bf34a087c64a Poland ddad17af-1afc-4bf8-9920-b3be357ad175 Netherlands b3f3ab3f-3279-40c5-b2c5-9d48902a16a1 Poland 757b000f-94fb-46d6-96fd-a007930293e2 Denmark 95d5be3b-163e-4137-ac02-ffc7f2a902c Greece 7da9cee1-e7b4-4fb9-9a23-787df3d0b1c0 Germany 9f07f429-e819-4f26-9596-f1728fc46b85 Poland 349d5a30-3e83-4310-8c1e-bf34a087c64a Poland 3c56ba7b-eac4-425e-b162-823b5deae6 Hungary 7da9cee1-e7b4-4fb9-9a23-787df3d0b1c0 Germany bde457ba-972e-4440-84ce-140e21fd0e25 Croatia 69aa94d9-9d50-4b4a-a960-6864adf7bf71 Portugal 23504454-b21c-4dc6-95f7-4ed9fe1b232f Belgium 32a1deee-b0b8-42aa-8bde-959e5548f6eb Germany b0d560e4-4ea2-45df-9efa-24ca3878accc Bulgaria 757b000f-94fb-46d6-96fd-a007930293e2 Denmark 32a1deee-b0b8-42aa-8bde-959e5548f6eb Germany 23504454-b21c-4dc6-95f7-4ed9fe1b232f Belgium 826715d4-b636-4594-a692-e60db83e38de Belgium 15f59c30-3523-4c31-a3a3-a6b84b9d8674 Norway 2f9e8df5-7382-42e8-9b1c-f88fdeaf7d73 Finland 71ce48c4-ad9c-48e6-9fae-9141a7124b88 Germany e14c9282-d228-4a3a-a669-a991f7a36706 Sweden 826715d4-b636-4594-a692-e60db83e38de Belgium 3c56ba7b-eac4-425e-b162-823b5deae6 Hungary 125bdf73-34bd-474f-bfab-a1c22787363d Spain 8a491f89-adeb-4e01-a4fd-436c05d0e26e Czech Republic b0d560e4-4ea2-45df-9efa-24ca3878accc Bulgaria cf8877a0-54c2-48c3-bb2e-06107fcce08a Germany 4261c019-d384-4a5a-9b96-6d6fd6c4bf2e France 15f59c30-3523-4c31-a3a3-a6b84b9d8674 Norway 71ce48c4-ad9c-48e6-9fae-9141a7124b88 Germany 2f9e8df5-7382-42e8-9b1c-f88fdeaf7d73 Finland 8a491f89-adeb-4e01-a4fd-436c05d0e26e Czech Republic bde457ba-972e-4440-84ce-140e21fd0e25 Croatia f87231ca-4cbb-454f-ba10-52ccda84750b Sweden 08427cd6-2864-47b7-97d5-29ba9d4d9226 Hungary a47782a2-342d-4681-9e25-9735abe01842 Germany 69aa94d9-9d50-4b4a-a960-6864adf7bf71 Portugal

Environmental

Environmental Information	9AKK108467A6707
---------------------------	-----------------

Ordering

Order Code US and Canada	ZACNEEBF000A000000XX
EAN	8015644751968
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

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	8015644751968

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 ([% Iu])	100 %
Number of Poles	4P
Power Loss	31 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) 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)	630 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Touch LSIG
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
Instructions and Manuals (Part 2)	1SDH001316R1002

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

