PRODUCT-DETAILS

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

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General Information

Extended Product Type	E1.2C 1000 Ekip Touch LI 4p F F
Product ID	1SDA071424R1
EAN	8015644752743
Catalog Description	E1.2C 1000 Ekip Touch 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/TOUCH-LI R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

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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	befe5437-a53b-4de7-9f75-9ab35c389830 Italy (IT)
Simplified SCIP	5b3d6b96-b159-4a55-940e-d37884cf475e Sweden (SE) c133bd12-a9f1-4e33-8716-1de1283d7a50 Germany (DE) b1fbafd2-11bb-4547-8bbd-0cb3306eb343 Hungary (HU) 166d833e-af56-46ab-8776-6ad6fd4bcd74 Croatia (HR) 7ec6e086-b2a1-42a4-99a3-7668d55500d9 Germany (DE) de0c3a2e-6b92-4f80-aede-af9b99ccaa4d France (FR) 4d57f0a1-d984-491a-a17c-8301c78a8a5d Greece (GR) 6b539bed-d753-4aba-9c4e-5fa6d1a30847 Germany (DE) ed5e9f65-bcb2-4a1b-b52d-e3de91df043e Germany (DE) 7e96bbe1-dc72-4753-b76c-44b50c643e0f Denmark (DK) 2d8e725e-d645-418b-8477-ce50688f7774 Norway (NO) f9b28684-3d43-4338-a33a-0907231c3def Portugal (PT) dcf2621b-ce53-4161-8b3f-a0e4614ebd0e Finland (FI) 2ccdc3b9-0a10-4568-b2da-32cd850c2b93 Czech Republic (CZ) a355acba-640c-4371-aa91-2c1405c5a59d Poland (PL) 48593cd3-e900-4b81-b76a-5f265a87529a Netherlands (NL) d5aa9cb3-a872-4eca-836a-b79b1f08ef20 Poland (PL) b1fbafd2-11bb-4547-8bbd-0cb3306eb343 Hungary (HU) d12b971b-9164-4d4e-93dc-f138bee8fa4e France (FR) 7ec6e086-b2a1-42a4-99a3-7668d55500d9 Germany (DE) b86ea17d-617d-4f8a-a602-748d6a16a887 Hungary (HU) 8a81b65e-f754-4f5c-ab36-fc3588ec9105 Spain (ES) 789b0dee-ade8-4e75-8947-f691cb251015 Belgium (BE) f9b28684-3d43-4338-a33a-0907231c3def Portugal (PT) d2917e59-724a-47aa-ade7-11ba41ca7675 Bulgaria (BG) a355acba-640c-4371-aa91-2c1405c5a59d Poland (PL) 2ccdc3b9-0a10-4568-b2da-32cd850c2b93 Czech Republic (CZ) f60ef63a-30c0-4706-af7d-557d8dfdff16 Estonia (EE) 4d57f0a1-d984-491a-a17c-8301c78a8a5d Greece (GR) f60ef63a-30c0-4706-af7d-557d8dfdff16 Estonia (EE) b86ea17d-617d-4f8a-a602-748d6a16a887 Hungary (HU) 48593cd3-e900-4b81-b76a-5f265a87529a Netherlands (NL) 0f089b8f-b934-4801-9e8b-56e0ced7819d Poland (PL) de0c3a2e-6b92-4f80-aede-af9b99ccaa4d France (FR) c133bd12-a9f1-4e33-8716-1de1283d7a50 Germany (DE) 5b3d6b96-b159-4a55-940e-d37884cf475e Sweden (SE) 8a81b65e-f754-4f5c-ab36-fc3588ec9105 Spain (ES) f234c862-2102-492a-9bf4-8a7d60cc1147 Sweden (SE) e29dbb63-0ba1-4b91-a229-69a390636eb2 Germany (DE) 166d833e-af56-46ab-8776-6ad6fd4bcd74 Croatia (HR) 2fda21c9-ac22-44d0-9417-35456e336267 Belgium (BE) dcf2621b-ce53-4161-8b3f-a0e4614ebd0e Finland (FI) f234c862-2102-492a-9bf4-8a7d60cc1147 Sweden (SE) 0f089b8f-b934-4801-9e8b-56e0ced7819d Poland (PL) ed5e9f65-bcb2-4a1b-b52d-e3de91df043e Germany (DE) d12b971b-9164-4d4e-93dc-f138bee8fa4e France (FR) d5aa9cb3-a872-4eca-836a-b79b1f08ef20 Poland (PL) 6b539bed-d753-4aba-9c4e-5fa6d1a30847 Germany (DE) 7e96bbe1-dc72-4753-b76c-44b50c643e0f Denmark (DK) d2917e59-724a-47aa-ade7-11ba41ca7675 Bulgaria (BG) e29dbb63-0ba1-4b91-a229-69a390636eb2 Germany (DE) 2d8e725e-d645-418b-8477-ce50688f7774 Norway (NO) 2fda21c9-ac22-44d0-9417-35456e336267 Belgium (BE) 789b0dee-ade8-4e75-8947-f691cb251015 Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZACQEGBD000A000000XX
EAN	8015644752743
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	8015644752743

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	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	690 V AC

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Voltage	
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 Icu (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)	1000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Touch 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
Instructions and Manuals (Part 2)	1SDH001316R1002

Classifications

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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



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