PRODUCT-DETAILS

E1.2C 1600 Ekip Touch LI 3p F F

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General Information

Extended Product Type	E1.2C 1600 Ekip Touch LI 3p F F
Product ID	1SDA070874R1
EAN	8015644747244
Catalog Description	E1.2C 1600 Ekip Touch LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 1600 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	3db1684c-3c2b-4970-ae9f-56c8932df3df Italy (IT)
Simplified SCIP	bd93d826-4f55-4d55-b4e4-a758e323c269 Bulgaria (BG) 8a5e5d6c-1304-4c9e-82bc-80a47a341405 Germany (DE) 68a979e0-997e-4614-bd67-80787f41fe8b Czech Republic (CZ) 51cf77b9-74d0-432d-98a7-b0331aa1b0a0 France (FR) e7387fdf-bce3-4309-bfc7-43ce151c7a60 Portugal (PT) a1e083e0-65c8-4f30-b8c7-8e9b80b6dad8 Netherlands (NL) 1d212ba1-b5ad-4616-a13a-f5335e96813a Poland (PL) c674648c-6851-463d-b7aa-91e7092e13a8 Sweden (SE) afcd3308-dcc2-4096-8bef-87be62753fa1 France (FR) 358f0280-0550-460c-8256-25e0e445e644 Germany (DE) 8a5e5d6c-1304-4c9e-82bc-80a47a341405 Germany (DE) a1e083e0-65c8-4f30-b8c7-8e9b80b6dad8 Netherlands (NL) 6dafa567-bba6-4707-afec-0d87d81bc05f Hungary (HU) 6a6792d7-1c18-4c76-9066-7bf08605f172 Poland (PL) 51cf77b9-74d0-432d-98a7-b0331aa1b0a0 France (FR) 41029d96-f1a2-4ef4-8f01-0b09f06f0d27 Estonia (EE) 23fbc937-a5e9-48a6-ad9e-9ef78997a708 Greece (GR) b870ec66-1b14-4f55-a325-6afa96d43842 Hungary (HU) b4b9ae05-9519-48f0-ac61-29215ccf4cfc Poland (PL) 6a6792d7-1c18-4c76-9066-7bf08605f172 Poland (PL) a2c1d1e8-e73d-4247-a23f-512a5f66c132 Germany (DE) 27c567f8-e2e3-41e4-8f7d-3f6f911dd9b4 Belgium (BE) d9a56b17-6eec-4fb3-81d4-d64890c0e9f5 Croatia (HR) 504b5a58-bc0b-4a78-b9b8-d1d42906e6ba Germany (DE) 504b5a58-bc0b-4a78-b9b8-d1d42906e6ba Germany (DE) b4b9ae05-9519-48f0-ac61-29215ccf4cfc Poland (PL) 1d212ba1-b5ad-4616-a13a-f5335e96813a Poland (PL) 23fbc937-a5e9-48a6-ad9e-9ef78997a708 Greece (GR) 65edfda8-e508-40dd-b514-96819f4a4840 Denmark (DK) eeab0467-79f4-49bf-87d4-40285fa211e2 Finland (FI) b02f7cf0-0808-4ed0-8202-d1092116c4d0 Sweden (SE) ae3f476d-6f5f-44cb-b66b-c20384b664ef Germany (DE) 65edfda8-e508-40dd-b514-96819f4a4840 Denmark (DK) bd93d826-4f55-4d55-b4e4-a758e323c269 Bulgaria (BG) a2c1d1e8-e73d-4247-a23f-512a5f66c132 Germany (DE) c0ce2506-6f78-42f1-9ddf-01faa410f6a1 Belgium (BE) 27c567f8-e2e3-41e4-8f7d-3f6f911dd9b4 Belgium (BE) d4448ca5-845a-4554-b802-1ab9987a4686 Norway (NO) c0ce2506-6f78-42f1-9ddf-01faa410f6a1 Belgium (BE) 1fe0dcb5-8cf5-401a-ad7e-2d8743af1ada Spain (ES) 6dafa567-bba6-4707-afec-0d87d81bc05f Hungary (HU) 358f0280-0550-460c-8256-25e0e445e644 Germany (DE) b870ec66-1b14-4f55-a325-6afa96d43842 Hungary (HU) c674648c-6851-463d-b7aa-91e7092e13a8 Sweden (SE) eeab0467-79f4-49bf-87d4-40285fa211e2 Finland (FI) d9a56b17-6eec-4fb3-81d4-d64890c0e9f5 Croatia (HR) ae3f476d-6f5f-44cb-b66b-c20384b664ef Germany (DE) d4448ca5-845a-4554-b802-1ab9987a4686 Norway (NO) afcd3308-dcc2-4096-8bef-87be62753fa1 France (FR) e7387fdf-bce3-4309-bfc7-43ce151c7a60 Portugal (PT) 68a979e0-997e-4614-bd67-80787f41fe8b Czech Republic (CZ) b02f7cf0-0808-4ed0-8202-d1092116c4d0 Sweden (SE) 41029d96-f1a2-4ef4-8f01-0b09f06f0d27 Estonia (EE) 1fe0dcb5-8cf5-401a-ad7e-2d8743af1ada Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	Z1CSEJBD000A000000XX
EAN	8015644747244
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	8015644747244

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

Current Type	AC
Electrical Durability	Ue =< 440 V 3000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	201 W
Rated Current (I_n)	1600 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-	(220 V AC) 50 kA

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Circuit Breaking Capacity (I_{cs})	(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)	1600 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

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation

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	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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