PRODUCT-DETAILS

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

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General Information

Extended Product Type	E1.2B 1600 Ekip Touch LI 3p F F
Product ID	1SDA070864R1
EAN	8015644747145
Catalog Description	E1.2B 1600 Ekip Touch LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 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
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	8efb4f47-11bb-45d4-bfee-80bd57bf4004 Italy (IT)
Simplified SCIP	38934750-81e6-4de1-9c51-61b721ad028b Netherlands (NL) b58128cb-a662-4fb8-8c62-d4ea0bc6c2f4 Norway (NO) 07082a89-5007-42fe-b449-80a1ce03ec73 Bulgaria (BG) 94533792-aeb9-4bb5-8f3c-567783f6346d Portugal (PT) 9633fb37-5fd8-4bc4-a7e5-b52decd689bf Germany (DE) 6651c11a-9e75-498f-94fc-3c60a8c62a93 Finland (FI) d30f5812-2230-4ae7-8d7a-03a1ab4a67c1 Sweden (SE) 4567b7e8-8a00-4f8f-a1a0-aabb08f20a7f Germany (DE) 044a6108-33e6-468b-bcee-d6294ff5d0b8 Denmark (DK) a63dfa61-306c-491b-a593-99192e710b7b Poland (PL) 9633fb37-5fd8-4bc4-a7e5-b52decd689bf Germany (DE) 0d93dfe1-366d-47b2-85c6-08bf28a13cf5 Croatia (HR) 421d205d-2190-4fff-859f-d456c18d75c4 Belgium (BE) 35679ea6-6a84-4506-a0bd-8f2d95fb4f25 Poland (PL) 9e751647-2848-4e41-b365-e083969afbb8 Greece (GR) 044a6108-33e6-468b-bcee-d6294ff5d0b8 Denmark (DK) ef594f92-2e96-4d11-9c2f-5dc82e72171d Germany (DE) 40f20ad7-bc62-4b09-96df-20b422a9e929 Poland (PL) a63dfa61-306c-491b-a593-99192e710b7b Poland (PL) 38934750-81e6-4de1-9c51-61b721ad028b Netherlands (NL) 421d205d-2190-4fff-859f-d456c18d75c4 Belgium (BE) 912f0e9e-7b3a-4050-b81d-5cbcdccaa719 Belgium (BE) 5c43ec7f-99db-4a8e-a0dd-7f63ad901132 Germany (DE) becea659-854a-435b-9978-f099a02a5d62 Hungary (HU) 081c07a5-7a15-428a-83ad-793dd5875f38 Sweden (SE) 0d93dfe1-366d-47b2-85c6-08bf28a13cf5 Croatia (HR) becea659-854a-435b-9978-f099a02a5d62 Hungary (HU) 68559392-7456-4545-8210-ecf3f431158a Czech Republic (CZ) 94533792-aeb9-4bb5-8f3c-567783f6346d Portugal (PT) 6651c11a-9e75-498f-94fc-3c60a8c62a93 Finland (FI) 43ad2d50-e74d-4071-abbc-bb110dd220df France (FR) 4567b7e8-8a00-4f8f-a1a0-aabb08f20a7f Germany (DE) b58128cb-a662-4fb8-8c62-d4ea0bc6c2f4 Norway (NO) 68559392-7456-4545-8210-ecf3f431158a Czech Republic (CZ) 07082a89-5007-42fe-b449-80a1ce03ec73 Bulgaria (BG) 27271686-fb74-4b39-b2f6-5942777d3178 Germany (DE) 4222da7c-65e9-4be9-9d18-a133371f416e France (FR) 1e5f9966-d9a8-4dc0-96a0-c7b716177005 Hungary (HU) 325987d5-a369-49a2-b02f-3bde6bb50ad2 Spain (ES) 912f0e9e-7b3a-4050-b81d-5cbcdccaa719 Belgium (BE) ef594f92-2e96-4d11-9c2f-5dc82e72171d Germany (DE) 43ad2d50-e74d-4071-abbc-bb110dd220df France (FR) 081c07a5-7a15-428a-83ad-793dd5875f38 Sweden (SE) 5c43ec7f-99db-4a8e-a0dd-7f63ad901132 Germany (DE) 35679ea6-6a84-4506-a0bd-8f2d95fb4f25 Poland (PL) 27271686-fb74-4b39-b2f6-5942777d3178 Germany (DE) 285608ef-b48e-4a41-ba32-42297f1a09b0 Estonia (EE) 4222da7c-65e9-4be9-9d18-a133371f416e France (FR) 40f20ad7-bc62-4b09-96df-20b422a9e929 Poland (PL) 9e751647-2848-4e41-b365-e083969afbb8 Greece (GR) d30f5812-2230-4ae7-8d7a-03a1ab4a67c1 Sweden (SE) 325987d5-a369-49a2-b02f-3bde6bb50ad2 Spain (ES) 285608ef-b48e-4a41-ba32-42297f1a09b0 Estonia (EE) 1e5f9966-d9a8-4dc0-96a0-c7b716177005 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z1BSEJBD000A000000XX
EAN	8015644747145
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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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	8015644747145

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-Circuit Breaking Capacity (I_{cs})	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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	(400 V AC) 42 kA (415 V AC) 42 kA

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(I_{cu})	(440 V AC) 42 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	B
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 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

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Categories

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





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