PRODUCT-DETAILS

E2.2S 1600 Ekip Touch LI 4p F HR

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General Information

Extended Product Type	E2.2S 1600 Ekip Touch LI 4p F HR
Product ID	1SDA071634R1
EAN	8015644754846
Catalog Description	E2.2S 1600 Ekip Touch LI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2S 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL 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	9AKK108468A1902 9AKK108468A1909

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	cd2d9f33-f91b-47bf-ad6d-19211cc6f1ac Italy (IT)
Simplified SCIP	e4c7a921-22e4-40c8-922f-3cc1e0df07e4 Germany (DE) 64e3f1fb-2d19-4afa-8134-50c8e8400fb4 Hungary (HU) 88733cfe-83e0-41e6-a2e3-1214606f9d4a Belgium (BE) 96f681e1-2d3f-4c36-99e3-384c85dde7b5 Spain (ES) 9187708b-92cd-4ef0-9a61-4ae2ad84cf96 Norway (NO) 9196603a-c62e-45cf-a3a4-3d5e05709e6f Poland (PL) 54973f98-4646-4638-b9f4-86242cc63a35 Hungary (HU) 1a36b711-ba69-4bcf-98f2-eaf5e73277c6 Czech Republic (CZ) b9906e65-3aa2-450e-8750-7442051aa885 Netherlands (NL) c50ba07a-965c-4a11-b1e2-f6d4512025a3 Finland (FI) 5757b5e1-0872-4643-b77c-21de6911079e Greece (GR) 375f1835-1264-4634-ac5e-5507ba55ea02 Estonia (EE) 820c27d1-9ed3-44b0-952c-413944a6f0f2 France (FR) 6a0b10bb-7e57-4a1e-ab63-5a595db62abf Sweden (SE) 4bdab5db-3beb-44b5-9595-0fee2f9c1907 Belgium (BE) 1ac15f51-e9ca-47d5-9990-65ec017eaceb Germany (DE) 69538282-5b9b-4dad-87f2-4b2d9588ae48 Germany (DE) 6fb845ea-3b40-4c6a-84f6-df8ca9fc5ae6 Denmark (DK) b9f33da6-c3c2-4f4f-826f-ef8caacf7cc8 Germany (DE) 382226b5-410d-4a54-9ff9-092cb2e07ff4 Germany (DE) 3db607f2-8874-4126-9455-c9ceefe73580 Bulgaria (BG) a3e5571e-b873-4b8c-9f56-fe6e65a29ee8 Croatia (HR) 8f6a0543-8a1a-4b0e-bd6a-3bc1a1cc50a4 France (FR) 942a1b18-d816-42e8-bcb3-58b73af38d9f Poland (PL) 9b7ae15e-01cf-4650-8bc3-562b388ad0f2 Sweden (SE) 03020ace-e9f0-4b67-a978-ea292d8c1445 Portugal (PT) 20348431-0013-4377-9e2f-5268415c5f3d Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBSSEJBD000A000000XX
EAN	8015644754846
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 kg

Container Information

Package Level 1 Units	box 1 piece

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Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644754846

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	136 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	1600 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC
Sub-type	E2.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
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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