PRODUCT-DETAILS

E2.2H 2000 Ekip Touch LSIG 3p F HR

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General Information

Extended Product Type	E2.2H 2000 Ekip Touch LSIG 3p F HR
Product ID	1SDA071056R1
EAN	8015644749064
Catalog Description	E2.2H 2000 Ekip Touch LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 2000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 2000 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	45110bdd-378b-4366-8eb7-088bf524dd5b Italy (IT)
Simplified SCIP	a4293ade-5bf4-41e4-9e9d-5b78e72b740c Germany (DE) a90b6519-021d-4bb7-85e9-4394c080e673 Czech Republic (CZ) edf290d9-5374-4884-89ad-2cfe17ecca95 Poland (PL) d31fa2ec-a4ba-45d4-a199-34282629f9c0 Poland (PL) b969ba04-01a9-4340-8e0b-1645cff35af2 Sweden (SE) b6bf38d3-a2a0-4014-a72f-9ccb4884d0b8 Portugal (PT) 1ed2e53b-b932-465a-876b-d300ad177f97 France (FR) 39b062a0-17ac-4488-9a66-baa4c6c1485c Norway (NO) f3b80939-81e2-4f33-8bc7-fd7ba9390a29 Poland (PL) 7f1ee56b-f739-4880-b857-29652d712275 Hungary (HU) aa6a0a86-6de0-41c0-94f5-0f1c93611ff0 Croatia (HR) 50030905-8c28-487c-ac46-d29ba31a828b Germany (DE) 3f48595b-b58a-48f2-a1e0-010ad47f9aad Germany (DE) e5a8555d-0719-4ec8-8b51-4bf6c19ffe21 Germany (DE) 614d5fb2-4e19-4c22-a50d-40925cea4a7a Germany (DE) c100e3cf-bd7e-4afb-b7ca-83065da15f4f Denmark (DK) 8412134d-0686-448a-9edd-d5827ff18c8f France (FR) 6e183057-4739-4ef0-8114-3dc373ee5ddc Bulgaria (BG) b1bfdfa8-88b8-41a8-8da9-a378cf8ff8b8 Belgium (BE) 23e7ae2c-e512-4264-b3af-1dbed32084bb Sweden (SE) 92d360c6-26af-4845-a10e-7efb5c8f7cf0 Netherlands (NL) a5db2f89-6116-450f-938a-ae0e42b92482 Finland (FI) df165dc5-5ad7-4eab-aa47-503103abfcbb Greece (GR) 43880553-fe17-451f-b96b-0816d9a55446 Estonia (EE) cb8c9b28-8269-40fe-9b33-ac39ac37bf42 Belgium (BE) 24036d84-0a24-4a3a-9608-5ca5d4497baa Spain (ES) 5e0ee98f-cb87-4b4a-b875-438e12cee649 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z2HTEKBF000A000000XX
EAN	8015644749064
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 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	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644749064

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0083

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	212 W
Rated Current (I_n)	2000 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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 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 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u)	2000 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
Release	Ekip Touch LSIG
Release Type	EL
Short-Circuit Performance Level	H
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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