PRODUCT-DETAILS

E2.2H 1000 Ekip Dip LSIG 3p F HR

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General Information

Extended Product Type	E2.2H 1000 Ekip Dip LSIG 3p F HR
Product ID	1SDA070943R1
EAN	8015644747930
Catalog Description	E2.2H 1000 Ekip Dip LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 1000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1000 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	3524ebd0-506e-4842-a980-5debc7b3c0d7 Italy (IT)
Simplified SCIP	80158952-43e2-4528-b0e8-5ecfd4e35f6a Germany (DE) 5c288ab6-fd2a-47c3-969e-be7d20e5a2f0 Spain (ES) 5b0456d4-4d16-4b5c-9353-e3f07feb2fe7 Belgium (BE) 3a601751-e3ea-4ec3-8911-c58671e8d0a3 Hungary (HU) e177d9fc-afb7-400f-b216-a8c6a960a2ed Germany (DE) 7e5b07da-fe01-4014-a920-ac4d28208e74 Croatia (HR) 94a74485-0f86-4abb-8327-839ba8e7fe7a Bulgaria (BG) 3cea7eb8-ec05-4a2a-b9c2-1e9d0614e279 Germany (DE) a5f85d71-3aec-4ba1-819b-d3202a3cdf8c Estonia (EE) 705be766-e203-4cec-88a3-94c33c87334d Germany (DE) cec22d4e-37e1-4e4c-828e-2cf065d01ec0 Germany (DE) 969f9bf4-8dfe-4e08-afbf-58fb3df03a0a Denmark (DK) 660053e0-176b-48ee-9137-44b24cc5b52e France (FR) 2f6e5966-4136-4401-8150-60bceeed5ab6 Greece (GR) ca98a39c-17fe-4866-8839-0a0a91e1490f Finland (FI) 12d9cf51-8ecc-4ab7-8d20-5505bbb56257 Netherlands (NL) 82e6c02d-d6b2-42cd-a453-3228b82d582b Belgium (BE) 082efb1d-3516-44a9-b885-3f692be1f338 Sweden (SE) a53c5ef4-0562-47fa-8516-bb3b586f36a4 Hungary (HU) ed87ce75-0144-47f2-bbed-677fdc310f79 Norway (NO) ed901245-02c5-4c60-a781-2e21236023a3 Poland (PL) 2754cb36-aecf-4f86-b564-4aa5f75f78cb France (FR) 0494ba2a-a17f-4f46-8495-04269c13d748 Poland (PL) 590f0ef7-8d8c-4dc9-b3af-a16fb4392c74 Czech Republic (CZ) 49503878-ff53-48c0-baad-f11891d0b73f Poland (PL) 918f0d0e-e541-4d77-8830-71fe86d5d81e Portugal (PT) 632f9036-a5cb-4562-bc51-2349a110ce0e Sweden (SE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z2HQEGBC000A000000XX
EAN	8015644747930
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	8015644747930

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 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	53 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 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)	1000 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
Release	Ekip Dip 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

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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