PRODUCT-DETAILS

E4.2S 3200 Ekip Dip LSIG 4p F HR

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General Information

Extended Product Type	E4.2S 3200 Ekip Dip LSIG 4p F HR
Product ID	1SDA071783R1
EAN	8015644756338
Catalog Description	E4.2S 3200 Ekip Dip LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2S 3200 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 3200 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910

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	659e28cf-7953-4e49-86b5-1b635fb2125e Italy (IT)
Simplified SCIP	39a54939-4191-4b38-b3f6-d2b07ec0efa7 Germany (DE) b8facfbd-a471-4af3-a0cd-4505d4191ab2 Germany (DE) 9a27fbd9-4f08-4ee4-a923-1a8b6b8b3fb2 Denmark (DK) d1b2f5d7-4d86-462c-b389-cb37c6913dba Germany (DE) 42576543-28b3-4678-b6fd-b8c2b0874e9f Hungary (HU) 3c86255e-acf0-4da9-adf3-dec58f9da095 Norway (NO) 2791efde-7c8f-4f05-bd51-0a155583fdd9 Poland (PL) a627932b-365e-4b1e-8186-beff47840f58 Poland (PL) 15238ebc-e0be-4258-ab96-5194c3934e71 Poland (PL) 184fa820-745c-464a-98bc-d93621123e6e Czech Republic (CZ) 766de56a-18f8-49e5-a7c5-9f3e5c8a4731 Portugal (PT) 4b900605-59bf-4ce3-8485-df5c4a36585a Sweden (SE) 2862cd26-0de8-4ddd-87fe-c96465bc4f0b Estonia (EE) dca9e64b-3fbd-4676-8726-b3967f7d8e48 France (FR) 5c17d160-cf26-49f0-83b0-371fcf545d15 Croatia (HR) e20ca87f-1bab-4cca-b62c-38e63982b7c2 Germany (DE) b49b8493-24a8-4d46-8552-d9be2e78bed6 Finland (FI) 502f7301-2d9c-417d-bfc1-876bca423be4 Greece (GR) b6cac39d-7463-4d7a-b467-1216e6819d7b France (FR) cde34414-95ea-46de-a655-0e52ccebc4b0 Germany (DE) c7ceb500-e047-4f33-b06f-724752011435 Belgium (BE) d2a13a3f-d3c1-453b-965b-716a79238aa0 Sweden (SE) dd867c27-9a46-44f2-aab1-a849782bacbb Netherlands (NL) 9b428f56-2c7a-488c-bc91-7983576090cf Bulgaria (BG) 6580bb92-0e3c-4617-906d-47ef4640a508 Belgium (BE) 6aa86cc9-7d83-4512-8f7a-5941bf14133b Spain (ES) 05316be7-f361-4edb-973f-ebfd9cd4143e Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCSVENBC000A000000XX
EAN	8015644756338
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	70 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	785 mm
Package Level 1 Gross Weight	77 kg
Package Level 1 EAN	8015644756338

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0197

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	425 W
Rated Current (I_n)	3200 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 66 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)	3200 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC
Sub-type	E4.2
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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
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	4. Large Equipment (Any 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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