PRODUCT-DETAILS

E4.2V 2500 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type	E4.2V 2500 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071759R1
EAN	8015644756093
Catalog Description	E4.2V 2500 Ekip Hi-Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 2500 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 2500 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	44327b60-c277-4e62-87d6-4539f9ff8cfa Italy (IT)
Simplified SCIP	6ef8baf9-d8ac-47fa-a933-ec77b4b698b4 Germany (DE) c535b71e-d48d-4de2-b575-1743a0450f38 Spain (ES) 7023d19e-16e2-4cd7-9c7b-cc643609bc8c Hungary (HU) 7a88a79c-045c-4dbb-bfae-ae798cd378bd Hungary (HU) 0e3bac7b-16fd-450c-a096-604b9f62a6a1 Norway (NO) db68442f-f591-484c-aea2-57a56e2a1a58 Netherlands (NL) 49d205fc-536c-433a-bcbc-c186383db31d Poland (PL) fae36763-f80c-4061-920d-bd3032ed2e82 France (FR) f6ca4c22-81a2-4d0d-8699-d2a50beaa172 Finland (FI) 4df3d886-4b3e-403c-8ae5-bb9f22a6e731 Germany (DE) 4e80b268-d5b4-49b4-a8ea-86dbc0bd27cf Germany (DE) 08985d80-afb7-40e5-b265-a21a4a8964e9 France (FR) bb7a95b4-abe4-4b9e-90c8-81df1d22500d Croatia (HR) edf65d20-001a-4432-b4a4-5392ff9b51b8 Denmark (DK) 9538191f-a55d-4b85-96fc-39a749335a9e Germany (DE) 9bdcf807-9cd4-4318-bde4-17ca6352cda8 Belgium (BE) ccfbb97c-f3d4-4125-8cc2-6b4135326b36 Bulgaria (BG) 27f3df06-cf32-4658-acc3-88b75cee7f0a Germany (DE) e1c65caf-3db9-4cb7-8692-ad76287cdcf5 Sweden (SE) 2a1ebe5f-1935-45df-ad0a-5636ed1dd200 Estonia (EE) 891c3e59-e395-4f58-b724-c79be88bf457 Greece (GR) 90d9379d-542e-4052-a464-fd8aa817774a Portugal (PT) c431680b-c3a3-4bc8-9110-4fb7f7f39124 Sweden (SE) 598605b4-ce2c-4c84-a749-849bde238036 Poland (PL) d8e2cbf7-3d2e-46ab-96d0-3fa0eb3d56dc Czech Republic (CZ) f40f6656-aa1b-4bc5-9381-e28705ceef49 Poland (PL) 28e030fa-e5fa-4dde-8d47-36fc77dea7fa Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCVUELBK200A000000XX
EAN	8015644756093
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	8015644756093

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 8000 cycle Ue = 500 ... 690 V 8000 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)	2500 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) 150 kA (230 V AC) 150 kA (380 V AC) 150 kA (400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 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 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	2500 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	V
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
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	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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