PRODUCT-DETAILS

E4.2V 2000 Ekip Dip LSIG 3p WMP

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General Information

Extended Product Type	E4.2V 2000 Ekip Dip LSIG 3p WMP
Product ID	1SDA072453R1
EAN	8015644763039
Catalog Description	E4.2V 2000 Ekip Dip LSIG 3p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E4.2V 2000 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 2000 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	d6935590-711f-4da6-95d9-25fa7cc3faf1 Italy (IT)
Simplified SCIP	b74c24ed-5fc1-4c98-96e4-e9ed581ab1a6 Germany (DE) 55b23abf-24a1-4207-8b14-9441abd62baa Germany (DE) cada46dd-102d-469b-90eb-fe8cbcb2d2bd Denmark (DK) 4fca8830-f0c8-412d-a589-3d5f5fd4c325 Hungary (HU) 162ba9d6-4109-4f30-b3c7-59901fa4c872 Estonia (EE) f97c17b6-2c54-4b38-a0a2-4e80b5a9cae4 Greece (GR) 8230c90e-4ba5-4e68-9b15-be7472a263ea Portugal (PT) 1e440742-5231-47f0-9778-00dd9d5d55eb Bulgaria (BG) 09f31c44-f6bb-42b2-b973-d8296cdb13ad Sweden (SE) ef26c656-2795-4a80-a312-561affeef145 Norway (NO) a79d716d-6944-4a6b-ac51-461728ea46aa Poland (PL) 041dbe2f-8cbf-4886-922a-a8919675c0c1 Germany (DE) c2d13212-b8bd-4360-a755-da7a47878fa6 Netherlands (NL) 160be82a-7903-4ab5-adbe-6287fed41a73 Spain (ES) 6fb29024-b680-427d-bc44-b1faefd7f64e Hungary (HU) 077ebe04-d4fc-44fc-b2d9-eef7be53e571 Poland (PL) 0ccda4c2-dde8-401a-9b59-ad51e347a0ef Belgium (BE) 66d70b8f-2f56-46bd-8832-5d00200b23ac Poland (PL) 8c4ec035-591d-4a4c-8b1b-a65372be2387 Sweden (SE) 2dfadc80-1a83-42ea-b29a-ed9bc8c616e0 France (FR) e9147420-e6d8-4f06-88fe-49476dd96a33 Finland (FI) ef23be54-53ee-49c6-a189-7ad224177f27 Belgium (BE) 6c3f86b6-ccd2-4120-99c9-bbcc0bae18e2 Croatia (HR) 2c5fa33c-90a7-4e12-8cf8-1bf92e5507cf Czech Republic (CZ) e054d0a2-e46b-4211-b8d2-922478761660 Germany (DE) e6a57432-f09b-4f32-99ba-7699de157d07 Germany (DE) 8a0ddfff-d71d-4309-8b9d-ef2ae9a22375 France (FR)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z4VTEKAC000A000000XX
EAN	8015644763039
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	425 mm
Product Net Height	425 mm
Product Net Depth / Length	383 mm
Product Net Weight	60 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	67 kg
Package Level 1 EAN	8015644763039

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0433

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 10000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	743 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) 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)	2000 A
Rated Voltage (U_r)	690 V
Release	Ekip Dip LSIG

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Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2
Suitable for IT Networks	Yes, 690V

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	1SDH001001R0102
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

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

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