PRODUCT-DETAILS

E1.2N 1000 Ekip Hi-Touch LSIG 3p WMP

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General Information

Extended Product Type	E1.2N 1000 Ekip Hi-Touch LSIG 3p WMP
Product ID	1SDA072159R1
EAN	8015644760090
Catalog Description	E1.2N 1000 Ekip Hi-Touch LSIG 3p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 1000 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

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	58baab18-7e76-44a4-82b9-c8df9a7b82fe Italy (IT)
Simplified SCIP	8f009d64-115b-42e9-af08-29d3ea4b3895 France (FR) d3351fe6-948e-4a02-a23c-e11aad83c407 Poland (PL) e40a59f4-46dd-4698-90b5-0cb30f07d2d1 Sweden (SE) a668b8ad-151f-407a-82b2-5008c7a3223b Germany (DE) 01a17b36-f82a-4875-b164-c468abb484d1 Sweden (SE) 0cfe4946-0449-4d25-887e-55d6612ed0b5 Germany (DE) e51c17ee-a153-48f2-89e3-0873cbc3f31d France (FR) 68b4a5a0-dcfd-4969-9ec5-6f71e79aa81d Spain (ES) 043880c2-c859-46ce-bc00-74a7ed533076 Netherlands (NL) 34e2f9a2-f4db-47cc-a470-2c79cda417a2 Estonia (EE) e51c17ee-a153-48f2-89e3-0873cbc3f31d France (FR) 33097d1e-6a06-4c94-8f0d-62f7cb6a64ab Greece (GR) 34e2f9a2-f4db-47cc-a470-2c79cda417a2 Estonia (EE) d336e9e3-460b-4fa9-9749-c70436ac6d70 Poland (PL) d336e9e3-460b-4fa9-9749-c70436ac6d70 Poland (PL) 6c971e0b-57a3-4fe8-b315-3862afe0c27d Portugal (PT) 043880c2-c859-46ce-bc00-74a7ed533076 Netherlands (NL) 4e8f8e0d-37e9-4a1b-8502-e54315d9948d Poland (PL) 8d2ebbb7-7b8a-46c5-a4c4-4fe5e837794c Belgium (BE) e2a424b3-4739-447a-8916-48a6991720f4 Belgium (BE) cc51dd05-c0da-4e6c-98d6-0b4acf9c74c1 Germany (DE) 97402d8a-fbbe-4661-9487-3f8c4895ef9e Germany (DE) 79f40c56-0467-41bc-aa7d-be46c1499b6d Finland (FI) d3351fe6-948e-4a02-a23c-e11aad83c407 Poland (PL) 8d2ebbb7-7b8a-46c5-a4c4-4fe5e837794c Belgium (BE) 6b735f51-2914-4308-b545-d9d32ebce946 Croatia (HR) 19e08000-1de8-4f5b-a9fc-b524830dd8b9 Denmark (DK) 4e8f8e0d-37e9-4a1b-8502-e54315d9948d Poland (PL) 64ef3596-44f1-4ebf-8bdf-a33ba3858d9c Hungary (HU) 33097d1e-6a06-4c94-8f0d-62f7cb6a64ab Greece (GR) 97402d8a-fbbe-4661-9487-3f8c4895ef9e Germany (DE) e40a59f4-46dd-4698-90b5-0cb30f07d2d1 Sweden (SE) 79f40c56-0467-41bc-aa7d-be46c1499b6d Finland (FI) 6e36af4f-1baa-4d5e-9147-214d92633b4b Germany (DE) cc51dd05-c0da-4e6c-98d6-0b4acf9c74c1 Germany (DE) 91d59a6f-8cc6-4eda-b745-8e0242db9156 Bulgaria (BG) 19e08000-1de8-4f5b-a9fc-b524830dd8b9 Denmark (DK) 953564f3-4674-4c65-9666-e3b314490fab Norway (NO) e2a424b3-4739-447a-8916-48a6991720f4 Belgium (BE) 64ef3596-44f1-4ebf-8bdf-a33ba3858d9c Hungary (HU) 68b4a5a0-dcfd-4969-9ec5-6f71e79aa81d Spain (ES) 0cfe4946-0449-4d25-887e-55d6612ed0b5 Germany (DE) f15a0eee-f7c7-45a8-91be-98f8e369414f Hungary (HU) f15a0eee-f7c7-45a8-91be-98f8e369414f Hungary (HU) 91d59a6f-8cc6-4eda-b745-8e0242db9156 Bulgaria (BG) f33c232f-65ac-44cd-892f-ffa35d7d3c83 Czech Republic (CZ) 953564f3-4674-4c65-9666-e3b314490fab Norway (NO) 6e36af4f-1baa-4d5e-9147-214d92633b4b Germany (DE) 8f009d64-115b-42e9-af08-29d3ea4b3895 France (FR) 6c971e0b-57a3-4fe8-b315-3862afe0c27d Portugal (PT) f33c232f-65ac-44cd-892f-ffa35d7d3c83 Czech Republic (CZ) a668b8ad-151f-407a-82b2-5008c7a3223b Germany (DE) 6b735f51-2914-4308-b545-d9d32ebce946 Croatia (HR) 01a17b36-f82a-4875-b164-c468abb484d1 Sweden (SE)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	Z1NQEGAK200A000000XX
EAN	8015644760090
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	278 mm
Product Net Height	363.5 mm
Product Net Depth / Length	271 mm
Product Net Weight	18 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	20 kg
Package Level 1 EAN	8015644760090

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0024

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	156 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-	(220 V AC) 66 kA

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Circuit Breaking Capacity (I_{cs})	(230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 50 kA (660 V AC) 50 kA (690 V AC) 50 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 50 kA for 3 s 30 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 50 kA
Rated Uninterrupted Current (I_u)	1000 A
Rated Voltage (U_r)	690 V
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E1.2
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	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0103
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002
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

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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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