PRODUCT-DETAILS

E1.2N 1250 Ekip Dip LSIG 4p F F

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General Information

Extended Product Type	E1.2N 1250 Ekip Dip LSIG 4p F F
Product ID	1SDA071473R1
EAN	8015644753238
Catalog Description	E1.2N 1250 Ekip Dip LSIG 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1250 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1250 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
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	a7d7786b-66e0-4ee0-ae51-60bb0efb632f Italy (IT)
Simplified SCIP	5ba16a89-489e-4b5a-ad68-38acdf7f4a38 Denmark (DK) 1e1f2443-980b-47cf-bdef-2d161cb84d99 Germany (DE) 94450e4f-e2f5-4817-aada-ae0d5940b539 Sweden (SE) 28f8b4e3-52a1-4e23-873c-fe98f5b90021 Norway (NO) fdcf00b3-ba12-4dff-b2c8-14ba57792d77 Germany (DE) ebb0fe1d-3910-445b-b13d-a570b77e7d25 Bulgaria (BG) 7c0c504a-0b7c-4262-a680-24fa8f400c07 Belgium (BE) 652d5406-996e-451c-a385-1adcafdb29f8 Belgium (BE) 73113b45-10ec-4e85-8964-ec07d1354089 Poland (PL) 0f96b759-9f96-466c-972f-7a4ace2fa6ed Germany (DE) 5ba16a89-489e-4b5a-ad68-38acdf7f4a38 Denmark (DK) ca09ce81-2f6f-4134-bd18-d67bc04358fc Estonia (EE) 5bbebe4a-7ab2-4493-a388-61504465fab1 Greece (GR) b4231f24-1a5e-4faa-b880-29c64b639abc France (FR) 5bbebe4a-7ab2-4493-a388-61504465fab1 Greece (GR) 1e1f2443-980b-47cf-bdef-2d161cb84d99 Germany (DE) f31aff71-3ae2-45c0-9aef-f1a8c5b1b760 Finland (FI) 018bb90c-4050-4740-ba6d-da9ccfc51d01 Hungary (HU) cf0f197c-8da6-4ad6-80da-b3207f0f085d Poland (PL) 0f96b759-9f96-466c-972f-7a4ace2fa6ed Germany (DE) 7c0c504a-0b7c-4262-a680-24fa8f400c07 Belgium (BE) a9be42cb-f404-48c8-a4ff-dadb21837f4c Croatia (HR) f31aff71-3ae2-45c0-9aef-f1a8c5b1b760 Finland (FI) fdcf00b3-ba12-4dff-b2c8-14ba57792d77 Germany (DE) 73113b45-10ec-4e85-8964-ec07d1354089 Poland (PL) 53e72183-d67c-41e1-b45c-f4551646a11d Netherlands (NL) 7587031d-afe4-4199-a1c4-27206b596e0b Portugal (PT) 97677815-aad4-4545-b9d0-d0bca37da8b8 Poland (PL) 82636dd5-ec95-4ea1-b847-2a9c51cdb27c Czech Republic (CZ) 7587031d-afe4-4199-a1c4-27206b596e0b Portugal (PT) 28f8b4e3-52a1-4e23-873c-fe98f5b90021 Norway (NO) ea49371c-684a-4ebc-b472-f91884dad053 France (FR) b603d45d-215a-4cd6-9d0f-e2d4921dbd03 Germany (DE) a9be42cb-f404-48c8-a4ff-dadb21837f4c Croatia (HR) 732428fd-e0d4-4426-b3f3-3d18d31ffbef Germany (DE) b925b3e8-6f5f-4dd3-9469-abee8348c4c0 Sweden (SE) a137e791-52f0-441f-8484-08c4a9300c77 Hungary (HU) ebb0fe1d-3910-445b-b13d-a570b77e7d25 Bulgaria (BG) b4231f24-1a5e-4faa-b880-29c64b639abc France (FR) 018bb90c-4050-4740-ba6d-da9ccfc51d01 Hungary (HU) b603d45d-215a-4cd6-9d0f-e2d4921dbd03 Germany (DE) 652d5406-996e-451c-a385-1adcafdb29f8 Belgium (BE) 1a810bbc-1f86-4421-b36c-03f444c58677 Spain (ES) 94450e4f-e2f5-4817-aada-ae0d5940b539 Sweden (SE) 1a810bbc-1f86-4421-b36c-03f444c58677 Spain (ES) ea49371c-684a-4ebc-b472-f91884dad053 France (FR) cf0f197c-8da6-4ad6-80da-b3207f0f085d Poland (PL) b925b3e8-6f5f-4dd3-9469-abee8348c4c0 Sweden (SE) 732428fd-e0d4-4426-b3f3-3d18d31ffbef Germany (DE) 97677815-aad4-4545-b9d0-d0bca37da8b8 Poland (PL) ca09ce81-2f6f-4134-bd18-d67bc04358fc Estonia (EE) 53e72183-d67c-41e1-b45c-f4551646a11d Netherlands (NL) 82636dd5-ec95-4ea1-b847-2a9c51cdb27c Czech Republic (CZ) a137e791-52f0-441f-8484-08c4a9300c77 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZANREHBC000A000000XX
EAN	8015644753238
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	16 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644753238

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	122 W
Rated Current (I_n)	1250 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) 66 kA (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

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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)	1250 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E1.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 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	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002

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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