PRODUCT-DETAILS

E1.2N 1600 Ekip Dip LSIG 4p F F

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General Information

Extended Product Type	E1.2N 1600 Ekip Dip LSIG 4p F F
Product ID	1SDA071513R1
EAN	8015644753634
Catalog Description	E1.2N 1600 Ekip Dip LSIG 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1600 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	fb258214-5573-4736-aac6-4cd949716f12 Italy (IT)
Simplified SCIP	1e3519a3-ef4e-4b62-96a1-9cedfe399dd7 Netherlands (NL) ab4ab8ef-e9ae-4cb3-8c0f-82421d16f4fd Poland (PL) fe41c5f4-4474-4e38-b97f-ecb3c2dfb8ce Hungary (HU) e96a1a00-08bc-4d5b-8287-63852eb9164b France (FR) 7a05da95-3502-466c-9987-75f804bdf66a Greece (GR) ab4ab8ef-e9ae-4cb3-8c0f-82421d16f4fd Poland (PL) eb4c8c82-d5c0-4f84-a3a1-81e2af94d8b3 Estonia (EE) 9af83b20-6f22-431b-838e-b60ef843cb3c Sweden (SE) eb4c8c82-d5c0-4f84-a3a1-81e2af94d8b3 Estonia (EE) 53dc2bc6-3b2e-47f1-bdf1-9fc0373541c6 Spain (ES) 714e98df-6532-4532-b67c-0ce8c11144ed France (FR) 70e3ffde-e789-4d26-a62f-9c3a96e20eff Poland (PL) 64c91252-363f-4914-854b-23552f97678b Sweden (SE) c3d20596-a381-4eb0-8850-18fc777a422b Germany (DE) 245204ad-6496-4c14-b1ce-6172cfeb3612 Germany (DE) 53dc2bc6-3b2e-47f1-bdf1-9fc0373541c6 Spain (ES) e96a1a00-08bc-4d5b-8287-63852eb9164b France (FR) 42b2c4b1-a0f3-42c0-b52b-86beab542647 Hungary (HU) a51f7536-f55d-4f71-80ea-ed8bc69189f6 Belgium (BE) 340a3d3f-e29c-4bbf-9ea7-3ac6077ba5f8 Denmark (DK) 5215a7f9-1b21-452c-bcbe-0d6e59d927f5 Bulgaria (BG) 4f416a6b-271d-46ef-88eb-04c72b151585 Germany (DE) 89631344-16ab-4034-942f-4058e2ae567a Belgium (BE) a51f7536-f55d-4f71-80ea-ed8bc69189f6 Belgium (BE) 33b5531c-50e8-4968-9821-96f8947cd425 Norway (NO) 89631344-16ab-4034-942f-4058e2ae567a Belgium (BE) 9af83b20-6f22-431b-838e-b60ef843cb3c Sweden (SE) 7860fc8f-4cba-4409-abb5-0ff3b56475a4 Finland (FI) d38d6ec9-ab0c-4b1a-a876-fd3b9dd37cbc Germany (DE) f97a98af-0168-468d-a68d-f6220f2cb725 Croatia (HR) 4f416a6b-271d-46ef-88eb-04c72b151585 Germany (DE) 24ba253b-35bf-43a7-9403-9a4332ef1d81 Germany (DE) 70e3ffde-e789-4d26-a62f-9c3a96e20eff Poland (PL) 5df6cac0-5ed4-4dc6-8be7-feef52ff18bd Poland (PL) 5fbdd9b9-e4b9-4a25-8bf9-82268658230c Czech Republic (CZ) 7860fc8f-4cba-4409-abb5-0ff3b56475a4 Finland (FI) 27f2e0fb-71d6-4ee4-9b9e-f3f8a8f0d584 Portugal (PT) d38d6ec9-ab0c-4b1a-a876-fd3b9dd37cbc Germany (DE) 33b5531c-50e8-4968-9821-96f8947cd425 Norway (NO) 7a05da95-3502-466c-9987-75f804bdf66a Greece (GR) 714e98df-6532-4532-b67c-0ce8c11144ed France (FR) 340a3d3f-e29c-4bbf-9ea7-3ac6077ba5f8 Denmark (DK) 42b2c4b1-a0f3-42c0-b52b-86beab542647 Hungary (HU) 24ba253b-35bf-43a7-9403-9a4332ef1d81 Germany (DE) 5fbdd9b9-e4b9-4a25-8bf9-82268658230c Czech Republic (CZ) 5215a7f9-1b21-452c-bcbe-0d6e59d927f5 Bulgaria (BG) 1e3519a3-ef4e-4b62-96a1-9cedfe399dd7 Netherlands (NL) fe41c5f4-4474-4e38-b97f-ecb3c2dfb8ce Hungary (HU) c3d20596-a381-4eb0-8850-18fc777a422b Germany (DE) 245204ad-6496-4c14-b1ce-6172cfeb3612 Germany (DE) 64c91252-363f-4914-854b-23552f97678b Sweden (SE) f97a98af-0168-468d-a68d-f6220f2cb725 Croatia (HR) 27f2e0fb-71d6-4ee4-9b9e-f3f8a8f0d584 Portugal (PT) 5df6cac0-5ed4-4dc6-8be7-feef52ff18bd Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZANSEJBC000A000000XX
EAN	8015644753634
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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	8015644753634

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 3000 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	201 W
Rated Current (I_n)	1600 A
Rated Impulse Withstand Voltage (U_{imp})	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i)	AC 1000 V
Rated Operational	690 V AC

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Voltage	
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
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)	1600 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

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	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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