PRODUCT-DETAILS

E2.2N 1000 Ekip Dip LSIG 4p F HR

E2.2N 1000 Ekip Dip LSIG 4p F HR



General Information

Extended Product Type	E2.2N 1000 Ekip Dip LSIG 4p F HR
Product ID	1SDA071553R1
EAN	8015644754037
Catalog Description	E2.2N 1000 Ekip Dip LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2N 1000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

© 2024 ABB. All rights reserved.

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	79235534-692f-430c-a50c-c0c25a6fda59 Italy (IT)
Simplified SCIP	54610386-703e-4a2a-a835-1f042915c69e Norway (NO) 194f70f4-86ab-4a68-9678-e2c9a4a69fb3 Germany (DE) e840b1eb-494f-4215-8414-a1d0748fcb37 Hungary (HU) 78a6f197-c71c-47c2-9a0a-4f3cdbc214b2 Germany (DE) aeaebc95-dd6b-4b34-a29b-56b26555fa9e Portugal (PT) 756cd27e-58cf-4710-bd51-199d3298bcfa Finland (FI) 6f2809cc-84de-4b41-bccd-472232e1ddbb France (FR) b3b7a9a2-0cd2-4689-b08f-c63dcdf6518c Germany (DE) f277802e-8d43-4af8-9493-a274961e05d4 Hungary (HU) 1c3f1436-5dd3-411e-9b8e-7f8b64743c01 Croatia (HR) 712a56cd-1d01-438e-8922-107e268b2a46 Netherlands (NL) 608c52a3-fe00-439a-8a22-52ef247bf68e Sweden (SE) af75fa0d-14b7-42f2-99c7-98c44b7629ad Germany (DE) f16690e5-6393-4965-b31f-612295a2bda1 Poland (PL) 712a56cd-1d01-438e-8922-107e268b2a46 Netherlands (NL) b1c2c1f4-7084-469b-8f52-8f7772e9966c Greece (GR) aeaebc95-dd6b-4b34-a29b-56b26555fa9e Portugal (PT) 16bc2a4f-cf15-4177-b7c2-2ed6de461e08 Poland (PL) af75fa0d-14b7-42f2-99c7-98c44b7629ad Germany (DE) e840b1eb-494f-4215-8414-a1d0748fcb37 Hungary (HU) 3629f02b-fb01-4b86-90bd-ff966470834f Spain (ES) 8fff5d1b-da5c-42f3-a99f-26874198b19e Belgium (BE) 536eca21-5fa2-43cb-a8b8-c0d940310567 Sweden (SE) c845c140-0cf8-424b-a92d-3eb0938f1589 Estonia (EE) 3629f02b-fb01-4b86-90bd-ff966470834f Spain (ES) 717dd717-50df-4c79-adfb-180de6f3c579 Poland (PL) 6f2809cc-84de-4b41-bccd-472232e1ddbb France (FR) 608c52a3-fe00-439a-8a22-52ef247bf68e Sweden (SE) b3b7a9a2-0cd2-4689-b08f-c63dcdf6518c Germany (DE) 16bc2a4f-cf15-4177-b7c2-2ed6de461e08 Poland (PL) c845c140-0cf8-424b-a92d-3eb0938f1589 Estonia (EE) f5c84a95-64fa-4371-8f67-5daa58a4ed7e France (FR) 5a04b6a1-b5c5-466a-80b8-10fc25c8c7f0 Czech Republic (CZ) 8cdfe44b-ec65-40a1-9c7f-6311748536d4 Bulgaria (BG) f277802e-8d43-4af8-9493-a274961e05d4 Hungary (HU) 717dd717-50df-4c79-adfb-180de6f3c579 Poland (PL) 5a04b6a1-b5c5-466a-80b8-10fc25c8c7f0 Czech Republic (CZ) 536eca21-5fa2-43cb-a8b8-c0d940310567 Sweden (SE) 194f70f4-86ab-4a68-9678-e2c9a4a69fb3 Germany (DE) b1c2c1f4-7084-469b-8f52-8f7772e9966c Greece (GR) 136b21f5-0763-4653-9071-6b9aa524b378 Denmark (DK) f16690e5-6393-4965-b31f-612295a2bda1 Poland (PL) f5c84a95-64fa-4371-8f67-5daa58a4ed7e France (FR) c638d5a0-c369-45c8-be71-a4f0d50a5369 Germany (DE) 1c3f1436-5dd3-411e-9b8e-7f8b64743c01 Croatia (HR) 981479c2-bf60-400e-b936-6e43e4925d2b Belgium (BE) 756cd27e-58cf-4710-bd51-199d3298bcfa Finland (FI) 78a6f197-c71c-47c2-9a0a-4f3cdbc214b2 Germany (DE) 8cdfe44b-ec65-40a1-9c7f-6311748536d4 Bulgaria (BG) 136b21f5-0763-4653-9071-6b9aa524b378 Denmark (DK) c638d5a0-c369-45c8-be71-a4f0d50a5369 Germany (DE) 54610386-703e-4a2a-a835-1f042915c69e Norway (NO) 981479c2-bf60-400e-b936-6e43e4925d2b Belgium (BE) 8fff5d1b-da5c-42f3-a99f-26874198b19e Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

© 2024 ABB. All rights reserved.

Ordering

Order Code US and Canada	ZBNQEGBC000A000000XX
EAN	8015644754037
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644754037

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	53 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	690 V AC

© 2024 ABB. All rights reserved.

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) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 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) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	1000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E2.2
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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002

Classifications

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation

© 2024 ABB. All rights reserved.

	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



© 2024 ABB. All rights reserved.