PRODUCT-DETAILS

E1.2N 1000 Ekip Dip LSI 3p F F

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General Information

Extended Product Type	E1.2N 1000 Ekip Dip LSI 3p F F
Product ID	1SDA070802R1
EAN	8015644746520
Catalog Description	E1.2N 1000 Ekip Dip LSI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1000 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI 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
SCIP	08ff2976-7071-4351-a588-0d80023d1004 Italy (IT)
Simplified SCIP	e9b9519b-dbd8-476b-8303-56c8db7fdbde Belgium (BE) 224822d3-c356-41eb-80e0-f3ebfd397c56 Belgium (BE) c880df6e-9c91-47c7-8ca1-684f89227e42 Norway (NO) 875a1a1a-69c0-464d-8c04-cca40e29f37b Bulgaria (BG) 42bfb2a3-b9d2-47ec-ba45-4d6d9b931564 Germany (DE) 73ecc6ad-08e8-4fcd-8661-818b208d30fc Denmark (DK) dd395d2a-a82f-48b5-9853-853a15232df3 Germany (DE) 6b1b0b20-2d30-473f-a7fe-628262048583 Finland (FI) 82ad7c3a-d9d1-4ca1-8762-93c2731da8d1 Sweden (SE) c0e4d13a-1905-404a-9a56-a1177afadb38 Croatia (HR) 224822d3-c356-41eb-80e0-f3ebfd397c56 Belgium (BE) 6b1b0b20-2d30-473f-a7fe-628262048583 Finland (FI) aecae8c6-8b9a-4a4d-8a41-2e6264acc5bf Germany (DE) 42bfb2a3-b9d2-47ec-ba45-4d6d9b931564 Germany (DE) aecae8c6-8b9a-4a4d-8a41-2e6264acc5bf Germany (DE) dd395d2a-a82f-48b5-9853-853a15232df3 Germany (DE) 65233418-01c3-4da2-a713-1ee2efe6ce7a Poland (PL) 73ecc6ad-08e8-4fcd-8661-818b208d30fc Denmark (DK) bab078eb-debf-4a97-af0f-b8e2b8ca1929 Poland (PL) 094adfb3-ad17-4539-8e3b-467d9e88edd9 Greece (GR) 79bf19f2-0e86-47b1-9702-04855a94d5eb Poland (PL) bab078eb-debf-4a97-af0f-b8e2b8ca1929 Poland (PL) 95928cc3-1b5d-4486-8964-f96dadeffd51 Netherlands (NL) 421fd9ec-82e9-4c9a-9df9-c70e5119a743 France (FR) c880df6e-9c91-47c7-8ca1-684f89227e42 Norway (NO) 2cfeb22a-c30b-4a91-b428-fcf8b9ed7f81 Portugal (PT) 646ccdee-18b6-402d-a990-2e0db059cb6f Czech Republic (CZ) 1ac2e415-bd94-4b74-b06d-361f0feab7c9 Germany (DE) 4ca6942d-9c52-4ca6-9f2f-bdb420140e49 Sweden (SE) c0e4d13a-1905-404a-9a56-a1177afadb38 Croatia (HR) a813761e-b4d6-4134-bb85-2116075d442d Hungary (HU) 875a1a1a-69c0-464d-8c04-cca40e29f37b Bulgaria (BG) 70cf80a1-d383-4cdd-a437-6731e806825f Germany (DE) 88a58854-4650-432f-bbc4-15805dd3f832 Spain (ES) 88770b70-7971-4034-b477-28cff9700460 Hungary (HU) e9b9519b-dbd8-476b-8303-56c8db7fdbde Belgium (BE) 2cfeb22a-c30b-4a91-b428-fcf8b9ed7f81 Portugal (PT) 65233418-01c3-4da2-a713-1ee2efe6ce7a Poland (PL) 421fd9ec-82e9-4c9a-9df9-c70e5119a743 France (FR) 4ca6942d-9c52-4ca6-9f2f-bdb420140e49 Sweden (SE) 1ac2e415-bd94-4b74-b06d-361f0feab7c9 Germany (DE) 70cf80a1-d383-4cdd-a437-6731e806825f Germany (DE) 1677dee4-294d-4d46-84ea-49fa049cfa02 France (FR) 646ccdee-18b6-402d-a990-2e0db059cb6f Czech Republic (CZ) a813761e-b4d6-4134-bb85-2116075d442d Hungary (HU) 094adfb3-ad17-4539-8e3b-467d9e88edd9 Greece (GR) 1677dee4-294d-4d46-84ea-49fa049cfa02 France (FR) a15af9ee-f48e-4ac9-8158-bfab7ee304c1 Estonia (EE) 79bf19f2-0e86-47b1-9702-04855a94d5eb Poland (PL) 88770b70-7971-4034-b477-28cff9700460 Hungary (HU) 82ad7c3a-d9d1-4ca1-8762-93c2731da8d1 Sweden (SE) 95928cc3-1b5d-4486-8964-f96dadeffd51 Netherlands (NL) a15af9ee-f48e-4ac9-8158-bfab7ee304c1 Estonia (EE) 88a58854-4650-432f-bbc4-15805dd3f832 Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

Ordering

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Order Code US and Canada	Z1NQEGBB000A000000XX
EAN	8015644746520
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 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	16 kg
Package Level 1 EAN	8015644746520

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0001

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	78 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-Circuit Breaking Capacity (I_{cs})	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA

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	(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
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSI
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	1SDC200023D0109 1SDC200023D0209 1SDC200023D0709 1SDC200023D0309 1SDC200023D0909 1SXF200023C2001
Declaration of Conformity - CE	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0003 1SDH000999R0002 1SDH000999R0005 1SDH000999R0004 1SDH000999R0001 1SDH000999R0006

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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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