PRODUCT-DETAILS

E1.2C 1250 Ekip Dip LI 3p F F

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General Information

Extended Product Type	E1.2C 1250 Ekip Dip LI 3p F F
Product ID	1SDA070831R1
EAN	8015644746810
Catalog Description	E1.2C 1250 Ekip Dip LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 1250 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI 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

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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	e98708e4-f609-40cd-b1a3-9c2449bd4c6a Italy (IT)
Simplified SCIP	ff03b323-b071-485f-bc15-69d07b34947c Estonia (EE) 988c3bab-c7b2-463b-ad24-b1ed600fb96d Germany (DE) d47afd7a-84da-4cd5-a2e4-64c52a9e0778 Germany (DE) c9ac5b5b-17e5-4b77-b365-7b3bf286ec85 Sweden (SE) 24a86b0d-651d-4805-8299-b4882ff216f8 Germany (DE) 8f371358-c042-4e2c-9a65-d19204d1abf8 Norway (NO) 5a1ebcf0-533f-4bdb-a124-97d935e68ebe Croatia (HR) 1d461827-be6d-44ba-951b-24635519ad8d Finland (FI) 007d77e3-7f04-4143-a6d9-803375af6987 Sweden (SE) 6166cb9a-ffcb-4097-8080-0a12a1025f03 Germany (DE) 911a970b-6219-4afc-9069-09cbcbea77b8 Denmark (DK) ac7f7383-0170-40f3-93f5-22a12be11120 Bulgaria (BG) c2a20c62-66fc-47d8-adba-36c4d3516f43 France (FR) 24a86b0d-651d-4805-8299-b4882ff216f8 Germany (DE) be56d4de-52c3-4b93-b4dd-282d09837574 Belgium (BE) d319483f-e3c7-4509-b97d-691915e1396c Greece (GR) 8087d4e4-37d0-48f2-87d1-67c8e18fc240 Poland (PL) 369e13dd-5079-4c2b-9b84-0d8c65cb7f9d Germany (DE) aba95318-e3f0-4b83-a3ef-47ce2233ec1f Poland (PL) 911a970b-6219-4afc-9069-09cbcbea77b8 Denmark (DK) 369e13dd-5079-4c2b-9b84-0d8c65cb7f9d Germany (DE) 8f371358-c042-4e2c-9a65-d19204d1abf8 Norway (NO) 6166cb9a-ffcb-4097-8080-0a12a1025f03 Germany (DE) 5a4953df-b464-4bdb-a299-10ac5cfb3b69 Belgium (BE) 8087d4e4-37d0-48f2-87d1-67c8e18fc240 Poland (PL) be56d4de-52c3-4b93-b4dd-282d09837574 Belgium (BE) 86d05e04-1fbc-4517-bf48-94a489e2b47b Poland (PL) 2c93b701-602d-4c00-851a-d0e7d91d3660 Netherlands (NL) d47afd7a-84da-4cd5-a2e4-64c52a9e0778 Germany (DE) 7a3be69e-c2e5-4e51-9de7-fd9c3dcb9863 Hungary (HU) 988c3bab-c7b2-463b-ad24-b1ed600fb96d Germany (DE) ac7f7383-0170-40f3-93f5-22a12be11120 Bulgaria (BG) f02a4ac6-a795-43ec-a66b-1e1e0b78ccc2 Czech Republic (CZ) cdbee8f8-8939-4557-86ef-dda4c50245b4 France (FR) f02a4ac6-a795-43ec-a66b-1e1e0b78ccc2 Czech Republic (CZ) 48b5255f-ab05-4130-9ec1-e09c2d1f137e Portugal (PT) 1d461827-be6d-44ba-951b-24635519ad8d Finland (FI) c9ac5b5b-17e5-4b77-b365-7b3bf286ec85 Sweden (SE) 5a1ebcf0-533f-4bdb-a124-97d935e68ebe Croatia (HR) 7a3be69e-c2e5-4e51-9de7-fd9c3dcb9863 Hungary (HU) 7ff353a7-711f-43b4-ad81-668de451b42f Spain (ES) 5a4953df-b464-4bdb-a299-10ac5cfb3b69 Belgium (BE) ae40d335-5142-4597-af69-7c08e95316d6 Hungary (HU) 48b5255f-ab05-4130-9ec1-e09c2d1f137e Portugal (PT) ae40d335-5142-4597-af69-7c08e95316d6 Hungary (HU) 2c93b701-602d-4c00-851a-d0e7d91d3660 Netherlands (NL) ff03b323-b071-485f-bc15-69d07b34947c Estonia (EE) 7ff353a7-711f-43b4-ad81-668de451b42f Spain (ES) d319483f-e3c7-4509-b97d-691915e1396c Greece (GR) 86d05e04-1fbc-4517-bf48-94a489e2b47b Poland (PL) c2a20c62-66fc-47d8-adba-36c4d3516f43 France (FR) cdbee8f8-8939-4557-86ef-dda4c50245b4 France (FR) aba95318-e3f0-4b83-a3ef-47ce2233ec1f Poland (PL) 007d77e3-7f04-4143-a6d9-803375af6987 Sweden (SE)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	Z1CREHBA000A000000XX
EAN	8015644746810
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	8015644746810

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 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
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-	(220 V AC) 50 kA

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Circuit Breaking Capacity (I_{cs})	(230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 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 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1250 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	C
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

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	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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