PRODUCT-DETAILS

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

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General Information

Extended Product Type	E1.2N 1250 Ekip Dip LI 3p F F
Product ID	1SDA070841R1
EAN	8015644746919
Catalog Description	E1.2N 1250 Ekip Dip LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 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	d86f602d-94f1-477a-b0ac-cb1f0b61c287 Italy (IT)
Simplified SCIP	4c186a1d-e7aa-4e57-a8ed-b66e7960f8f3 Belgium (BE) c3f9f684-28e8-412a-a99a-3ddbd0afe799 Belgium (BE) a5201e1a-f36b-4467-a258-aa73f3170bc0 Germany (DE) 49667b18-8a46-4930-a7e2-89692d3367c1 Germany (DE) 9990f5da-04e0-4b10-b060-384d3948c236 Denmark (DK) 82f1cb9d-81e3-4a36-ba4f-3d060d99d624 Norway (NO) f020acf0-1d90-4e96-aa32-1d609c227ff7 Greece (GR) e5f270a1-872a-4a68-a036-d1f2ff8c97b2 France (FR) ac55b005-2825-4f35-934a-8d492f46fb08 Czech Republic (CZ) 0d52da0d-6422-4d53-9c9d-b0a6e378a5eb Portugal (PT) 1720966a-0efc-4b54-9eea-fe05dd09a72d Hungary (HU) 4b8b4cd1-ad05-494f-a8b6-1e7edf9f302d Sweden (SE) eeb7032a-1baa-4168-ac76-5b97eb2e8ada Germany (DE) 6589bbb1-d95d-4601-8081-0a17809234a3 Croatia (HR) b44c43a9-a355-4020-852c-9df1aea1436e Germany (DE) 7e3abf04-49a1-4a84-81e5-08e736b598d6 Poland (PL) 0d52da0d-6422-4d53-9c9d-b0a6e378a5eb Portugal (PT) a88ed1c0-32f7-4888-85d4-9f4c3dcd7cd3 Netherlands (NL) 58c9c17a-6f8e-483d-bc51-e262aacaf972 Poland (PL) c3f9f684-28e8-412a-a99a-3ddbd0afe799 Belgium (BE) b44c43a9-a355-4020-852c-9df1aea1436e Germany (DE) eeb7032a-1baa-4168-ac76-5b97eb2e8ada Germany (DE) 3d0d19f2-9678-4cf4-94e2-dc4ee7ceea7d Spain (ES) 66f39cd2-0454-446b-a590-e6d175fd19eb France (FR) 512bad7f-ffb5-4d37-b552-c6c79819c128 Hungary (HU) 750df007-ddf3-4650-8b96-a5e1c6b2cb12 Sweden (SE) 3d0d19f2-9678-4cf4-94e2-dc4ee7ceea7d Spain (ES) 58cd7d5b-3896-41e9-ba11-5b569cb43e5f Estonia (EE) 5c0cc5fc-e0d6-4efe-85bc-6ad07b2022c8 Poland (PL) e5f270a1-872a-4a68-a036-d1f2ff8c97b2 France (FR) 4b8b4cd1-ad05-494f-a8b6-1e7edf9f302d Sweden (SE) 66f39cd2-0454-446b-a590-e6d175fd19eb France (FR) 7e3abf04-49a1-4a84-81e5-08e736b598d6 Poland (PL) f020acf0-1d90-4e96-aa32-1d609c227ff7 Greece (GR) 58cd7d5b-3896-41e9-ba11-5b569cb43e5f Estonia (EE) a88ed1c0-32f7-4888-85d4-9f4c3dcd7cd3 Netherlands (NL) ff75e62a-2e34-4772-bf69-a684ec6211ee Bulgaria (BG) 1720966a-0efc-4b54-9eea-fe05dd09a72d Hungary (HU) ac55b005-2825-4f35-934a-8d492f46fb08 Czech Republic (CZ) 49667b18-8a46-4930-a7e2-89692d3367c1 Germany (DE) 5c0cc5fc-e0d6-4efe-85bc-6ad07b2022c8 Poland (PL) 512bad7f-ffb5-4d37-b552-c6c79819c128 Hungary (HU) 6c544996-1292-468e-bccd-a74eba35f406 Finland (FI) 58c9c17a-6f8e-483d-bc51-e262aacaf972 Poland (PL) 4c186a1d-e7aa-4e57-a8ed-b66e7960f8f3 Belgium (BE) 750df007-ddf3-4650-8b96-a5e1c6b2cb12 Sweden (SE) 6c544996-1292-468e-bccd-a74eba35f406 Finland (FI) 6589bbb1-d95d-4601-8081-0a17809234a3 Croatia (HR) 2ec83840-df61-4039-9cb7-36db6786fbb0 Germany (DE) 9990f5da-04e0-4b10-b060-384d3948c236 Denmark (DK) a5201e1a-f36b-4467-a258-aa73f3170bc0 Germany (DE) 82f1cb9d-81e3-4a36-ba4f-3d060d99d624 Norway (NO) 2ec83840-df61-4039-9cb7-36db6786fbb0 Germany (DE) ff75e62a-2e34-4772-bf69-a684ec6211ee Bulgaria (BG)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	Z1NREHBA000A000000XX
EAN	8015644746919
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	8015644746919

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) 66 kA

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Circuit Breaking Capacity (I_{cs})	(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)	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	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

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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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