PRODUCT-DETAILS

E1.2C 1250 Ekip Dip LI 4p F F

E1.2C 1250 Ekip Dip LI 4p F F



General Information

Extended Product Type	E1.2C 1250 Ekip Dip LI 4p F F
Product ID	1SDA071461R1
EAN	8015644753115
Catalog Description	E1.2C 1250 Ekip Dip LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 1250 FIXED FOUR-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

© 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	6fc9b804-5ee5-4bfb-b307-8ecf756a798f Italy (IT)
Simplified SCIP	13252a01-bf0e-4785-8eac-43714503d895 Germany (DE) 9ac91839-e1fb-4407-b467-019e62128366 Belgium (BE) be0fc17b-62ad-44a2-80f5-1c8eb423f01b Spain (ES) c7f0cc28-6f05-4eba-8043-912c3fd91a67 Denmark (DK) c2508775-10bc-479c-b733-e65b58ff5f84 Bulgaria (BG) 4a58e65c-583e-4b3d-a4fe-10c25874318e Germany (DE) b94116e7-5b1f-4cff-8991-234f86df4063 Belgium (BE) 5f7a4e0b-3116-456d-aab7-3b36266f1ac7 Norway (NO) cbcc6e91-9ec7-41ef-a6cc-6335f8880792 Germany (DE) 4935beb3-b2d0-4a1d-b4c4-c7144f2d6e9a Sweden (SE) e2e58887-ae34-4f2d-a802-239c48dbaedb Finland (FI) b1823fc1-63c1-4760-967b-beadaf2717fd Poland (PL) ae9e72a7-71bf-46b6-a1b2-0d862a0e6a2f Poland (PL) 8730e3c8-3d14-444b-95a2-fc97cf910c6c Greece (GR) c7f0cc28-6f05-4eba-8043-912c3fd91a67 Denmark (DK) 06719427-d898-41a3-9030-62a8867d2523 Germany (DE) cbcc6e91-9ec7-41ef-a6cc-6335f8880792 Germany (DE) 8b6206cb-9a28-45ef-9160-a93215a503cd Croatia (HR) b94116e7-5b1f-4cff-8991-234f86df4063 Belgium (BE) 0af587dc-81b7-477d-83fb-4f6d22e45869 France (FR) 06719427-d898-41a3-9030-62a8867d2523 Germany (DE) 4a58e65c-583e-4b3d-a4fe-10c25874318e Germany (DE) 038249f9-d6db-431e-8bf0-0b34d785de96 Sweden (SE) 8b6206cb-9a28-45ef-9160-a93215a503cd Croatia (HR) e2e58887-ae34-4f2d-a802-239c48dbaedb Finland (FI) 778feb84-e533-43af-9648-14c9180c9c56 France (FR) 929a55b4-1104-4297-84a9-4c7a5f2b950c Portugal (PT) de9b066f-3632-4425-bc9c-ffb6de3e4847 Czech Republic (CZ) 5f7a4e0b-3116-456d-aab7-3b36266f1ac7 Norway (NO) c2508775-10bc-479c-b733-e65b58ff5f84 Bulgaria (BG) de9b066f-3632-4425-bc9c-ffb6de3e4847 Czech Republic (CZ) 13252a01-bf0e-4785-8eac-43714503d895 Germany (DE) bbacdd3d-f6cd-4b29-86ae-a5d9b8697e9a Germany (DE) 23c0726a-9743-435c-8122-498b97798c5b Hungary (HU) 0688d901-91f7-497c-bc42-4a83db487c26 Poland (PL) 9ac91839-e1fb-4407-b467-019e62128366 Belgium (BE) 778feb84-e533-43af-9648-14c9180c9c56 France (FR) b1823fc1-63c1-4760-967b-beadaf2717fd Poland (PL) 038249f9-d6db-431e-8bf0-0b34d785de96 Sweden (SE) bbacdd3d-f6cd-4b29-86ae-a5d9b8697e9a Germany (DE) 022f5df6-6d12-4b22-93e2-5fd81af4c891 Estonia (EE) 8730e3c8-3d14-444b-95a2-fc97cf910c6c Greece (GR) 0688d901-91f7-497c-bc42-4a83db487c26 Poland (PL) 920230d6-b07d-44ff-8b8d-5b2a580a828d Hungary (HU) be0fc17b-62ad-44a2-80f5-1c8eb423f01b Spain (ES) 4935beb3-b2d0-4a1d-b4c4-c7144f2d6e9a Sweden (SE) 68119c28-9753-4daf-a96b-b3dd3ae87f90 Netherlands (NL) 022f5df6-6d12-4b22-93e2-5fd81af4c891 Estonia (EE) 929a55b4-1104-4297-84a9-4c7a5f2b950c Portugal (PT) 23c0726a-9743-435c-8122-498b97798c5b Hungary (HU) 920230d6-b07d-44ff-8b8d-5b2a580a828d Hungary (HU) 0af587dc-81b7-477d-83fb-4f6d22e45869 France (FR) ae9e72a7-71bf-46b6-a1b2-0d862a0e6a2f Poland (PL) 68119c28-9753-4daf-a96b-b3dd3ae87f90 Netherlands (NL)

Environmental

Environmental Information	9AKK108467A6707

© 2024 ABB. All rights reserved.

Ordering

Order Code US and Canada	ZACREHBA000A000000XX
EAN	8015644753115
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	8015644753115

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 8000 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	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	690 V AC

© 2024 ABB. All rights reserved.

Voltage	
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 50 kA (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

© 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.