PRODUCT-DETAILS

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

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



General Information

Extended Product Type	E2.2N 1000 Ekip Dip LI 4p F HR
Product ID	1SDA071551R1
EAN	8015644754013
Catalog Description	E2.2N 1000 Ekip Dip LI 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-LI 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	a1a36d57-736d-484b-9eb7-6e6849cf9646 Italy (IT)
Simplified SCIP	4091c327-a947-4751-9c58-c4ccf7b14de1 Germany (DE) b3b9903f-575f-43c0-af10-410a6825e15c Hungary (HU) 0a315ff0-4fc3-49a0-b14b-bae5cf5eec23 Belgium (BE) 6ca57a7b-0401-443c-a420-26abe7b5620c Spain (ES) fdc9c0b9-b9d1-456f-8875-26f7cbbbca9b Norway (NO) 76cb3f1c-6192-4acd-a5a2-cd327b3e1f7b Poland (PL) 0bf9acfa-f965-42ac-8496-dbce9a9f5c88 Hungary (HU) d8da7285-1b55-4d7f-9d52-2d54ffbb4bda Germany (DE) beeb9f45-c5f6-4499-9b32-7799fa0a9907 Denmark (DK) ca62c5de-5cd0-4118-a4e3-fa3efd215242 Germany (DE) 7a4282f7-fa21-437a-865a-aaa9ce864703 Belgium (BE) 2e7dc358-ac4b-4e6c-8c8c-12efddd3b36e Sweden (SE) 94b5a21d-01bd-4852-b113-e4e715a9acea Estonia (EE) 43dd7adf-1c24-413b-bc2f-ec79861c2ff9 France (FR) d79ec58b-1596-4ba4-a182-9da43645249f Finland (FI) 61a4ef4a-163a-41ea-abcf-41db5a4ba739 Netherlands (NL) 4bebc7ee-dd1a-4e94-b719-45e47577ad11 Greece (GR) e71c8f96-adc5-489b-a180-1c155154d162 Germany (DE) 6d6e8b2c-b2be-47ba-8ccb-0cdde92fee56 Germany (DE) f514cc91-6800-4aa2-9a78-8da5bd915d93 Croatia (HR) c17cd921-824a-4a5b-87fa-ffe304fdd0e2 Bulgaria (BG) 525e4fe7-3715-4d54-8e64-4567fd09af6c France (FR) 22d649e8-b98a-4ab6-9ae7-9b2a3413da89 Poland (PL) 8c3743e9-7ac2-4f9a-aa1f-da5e8948d218 Poland (PL) 2f3d467a-0da4-43cf-8379-4fa24bd54490 Sweden (SE) 2b9f46ff-a3c5-4ab2-bf9d-c57c3ad5d09f Portugal (PT) c518f5b4-3463-4344-8187-d3a36ad6c664 Czech Republic (CZ)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBNQEGBA000A000000XX
EAN	8015644754013
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

© 2024 ABB. All rights reserved.

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	8015644754013

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 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 (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

© 2024 ABB. All rights reserved.

Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LI
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 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

© 2024 ABB. All rights reserved.

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2



© 2024 ABB. All rights reserved.