



PRODUCT-DETAILS

E1.2N 1600 Ekip Dip LSI 3p F F

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General Information

Extended Product Type	E1.2N 1600 Ekip Dip LSI 3p F F
Product ID	1SDA070882R1
EAN	8015644747329
Catalog Description	E1.2N 1600 Ekip Dip LSI 3p F F
Long Description	EN): C.BREAKER SACE EMAX2 E1.2N 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2360
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Material Compliance	
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
SCIP	f0a213cc-11fe-4162-a1bc-3836cb537037 Italy
Simplified SCIP	8baab619-3351-40b7-9db8-1618a2930543 Poland aff6d11b-726d-4bdd-9387-601b0bdf2ec Estonia 02a2b51d-21c7-4f6e-9495-746210da7bf2 France 1b918044-f94e-49e4-a6a6-3c6f67bd23b4 Spain aff6d11b-726d-4bdd-9387-601b0bdf2ec Estonia 6aaa74a5-6e6e-4e82-9bf9-e281f053500d Germany 08eb08f9-6965-4d2c-ac42-43e895740928 Sweden 02a2b51d-21c7-4f6e-9495-746210da7bf2 France 691363c4-dcd3-4831-9911-36335731d02a Germany d152b9e7-ffd0-4cd0-8cc4-42a99f7bc565 Poland 0efb8522-aef2-4ec0-a546-20e28791b661 France 505da673-1936-475e-b470-0fd0a499dd30 Sweden be46f2a5-70bc-49ea-9b53-8d064d4de8eb Portugal 8baab619-3351-40b7-9db8-1618a2930543 Poland 42a0a477-6f15-4de8-b738-ce3035a331f5 Netherlands 6e3007eb-6594-43c9-8f74-7184d67f650c Poland 1f60e35e-1df0-4381-9153-bb8812ce02fa Belgium 4304ae5a-21d4-41f0-ae99-092a50f34dec Belgium 50c76edb-bf3b-4fae-bec8-52be3d10bbd6 Croatia 4925864d-e81f-4bfc-bb3e-3cc3f11ac184 Finland 7435f8c9-0019-41cd-8676-e03f616fa518 Germany 47fe09aa-8242-473a-a574-c8fab5013163 Germany d152b9e7-ffd0-4cd0-8cc4-42a99f7bc565 Poland ee6327ed-2014-4791-a12f-945364cf51ff Greece 61ac40df-a551-46d1-98d8-732720f4057a Denmark 3dad7f5a-98dc-45b8-8dd4-9a491ac79264 Hungary 6e3007eb-6594-43c9-8f74-7184d67f650c Poland 47fe09aa-8242-473a-a574-c8fab5013163 Germany 171d7403-3c22-4c47-b170-b1e1a09746be Germany 505da673-1936-475e-b470-0fd0a499dd30 Sweden 7435f8c9-0019-41cd-8676-e03f616fa518 Germany 61ac40df-a551-46d1-98d8-732720f4057a Denmark da2c7d70-cf08-4786-aa5a-6bcc3ecc038 Bulgaria f826fa2b-e680-4119-b65e-cd8510f2bbcb Norway 4304ae5a-21d4-41f0-ae99-092a50f34dec Belgium 1b918044-f94e-49e4-a6a6-3c6f67bd23b4 Spain 3dad7f5a-98dc-45b8-8dd4-9a491ac79264 Hungary 1f60e35e-1df0-4381-9153-bb8812ce02fa Belgium 3f91d9d2-0188-4d17-b3ce-6766509a9f8e Hungary da2c7d70-cf08-4786-aa5a-6bcc3ecc038 Bulgaria 74c89775-d9a5-4302-a410-859ef18cd80f Czech Republic 691363c4-dcd3-4831-9911-36335731d02a Germany 3f91d9d2-0188-4d17-b3ce-6766509a9f8e Hungary 42a0a477-6f15-4de8-b738-ce3035a331f5 Netherlands 08eb08f9-6965-4d2c-ac42-43e895740928 Sweden 50c76edb-bf3b-4fae-bec8-52be3d10bbd6 Croatia 6aaa74a5-6e6e-4e82-9bf9-e281f053500d Germany f826fa2b-e680-4119-b65e-cd8510f2bbcb Norway 171d7403-3c22-4c47-b170-b1e1a09746be Germany 74c89775-d9a5-4302-a410-859ef18cd80f Czech Republic be46f2a5-70bc-49ea-9b53-8d064d4de8eb Portugal 4925864d-e81f-4bfc-bb3e-3cc3f11ac184 Finland 0efb8522-aef2-4ec0-a546-20e28791b661 France ee6327ed-2014-4791-a12f-945364cf51ff Greece

Environmental	
Environmental Information	9AKK108467A6707

Ordering	
Order Code US and Canada	Z1NSEJBB000A000000XX

EAN	8015644747329
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	8015644747329

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 3000 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	201 W
Rated Current (I _n)	1600 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) 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 I _{cu} (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)	1600 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
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

External Classifications and Standards

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

