



PRODUCT-DETAILS

E1.2N 1000 Ekip Dip LSI 4p F F

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General Information	
Extended Product Type	E1.2N 1000 Ekip Dip LSI 4p F F
Product ID	1SDA071432R1
EAN	8015644752828
Catalog Description	E1.2N 1000 Ekip Dip LSI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1000 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 1000 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	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Product acc. to EN45555

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
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	9be4821d-b565-4ddd-94c1-32a8812dad79 Italy
Simplified SCIP	fbd10c68-1921-4645-8f89-7b69ec763698 Norway ffca3bd9-39e1-4fb0-8671-525e2fb67d02 Belgium fad9f544-d6bb-464e-a02b-0a504c5a6b4b Belgium 119ed5de-5a36-4d95-914b-e3c9f3e5f9d6 Portugal 96ca7e45-e18c-41fd-ad09-4d93fd2c33b9 Czech Republic 1c6e1aaf-c777-4892-baa7-db498a0035d6 France 88d29ee6-4d8c-4287-aaa6-91b119751dc8 Germany 6ba17d5f-6710-4f3d-a1d5-7cf0e7ab7aa1 Germany fbd10c68-1921-4645-8f89-7b69ec763698 Norway 80fa0edc-b67a-4cbd-970c-6b47b39b5810 Germany 1c5f81ff-f363-46a9-8ebb-bf93f9949728 Hungary 92415ed7-e99a-4f73-8afc-48d22dd90591 Croatia 9d2682eb-cba9-4e86-bc72-89700b28407d Sweden 903ce1d2-49ab-45b8-b325-e429cad0e1ef Germany 3ef95793-6293-4ec9-90be-eba4a84958bb Bulgaria 9c7579a9-5f8d-461b-9a18-a5489a68eda4 Poland 119ed5de-5a36-4d95-914b-e3c9f3e5f9d6 Portugal d879f660-d502-4e8c-992a-c17c4bebe856 Netherlands 3a08b927-2a75-461b-8006-36f148b9967c Poland fad9f544-d6bb-464e-a02b-0a504c5a6b4b Belgium 5a99cd25-c80c-42ba-a40a-03e0afd70aa1 France 5ea590ee-cb8a-47a8-bc5e-0f8cb0bcae65 Spain 6637b468-235b-4dd9-9885-395e5c5b1be4 Hungary 6637b468-235b-4dd9-9885-395e5c5b1be4 Hungary e0815509-dd25-4d31-88ce-8394b0e9158f Greece 5a99cd25-c80c-42ba-a40a-03e0afd70aa1 France 9c7579a9-5f8d-461b-9a18-a5489a68eda4 Poland b8b40b20-0b71-412b-9bdb-7319e522206b Estonia 1c5f81ff-f363-46a9-8ebb-bf93f9949728 Hungary 96ca7e45-e18c-41fd-ad09-4d93fd2c33b9 Czech Republic 5ea590ee-cb8a-47a8-bc5e-0f8cb0bcae65 Spain b8b40b20-0b71-412b-9bdb-7319e522206b Estonia d879f660-d502-4e8c-992a-c17c4bebe856 Netherlands 11a5a8fd-31d5-4cd2-8253-193db7e1639e Sweden b773580b-03fd-4889-a191-9e4eb94b6a0b Poland 80fa0edc-b67a-4cbd-970c-6b47b39b5810 Germany 903ce1d2-49ab-45b8-b325-e429cad0e1ef Germany 9d2682eb-cba9-4e86-bc72-89700b28407d Sweden 1c6e1aaf-c777-4892-baa7-db498a0035d6 France c615641d-0cfb-4236-896b-e7635a4c1230 Germany 5f4e1b07-d1f5-4421-a121-6eb0e67ca293 Finland 92415ed7-e99a-4f73-8afc-48d22dd90591 Croatia ffca3bd9-39e1-4fb0-8671-525e2fb67d02 Belgium b773580b-03fd-4889-a191-9e4eb94b6a0b Poland 6ba17d5f-6710-4f3d-a1d5-7cf0e7ab7aa1 Germany 3eb6f6af-cb5c-46af-bfeb-95b97e28d736 Denmark 3a08b927-2a75-461b-8006-36f148b9967c Poland e0815509-dd25-4d31-88ce-8394b0e9158f Greece 88d29ee6-4d8c-4287-aaa6-91b119751dc8 Germany 11a5a8fd-31d5-4cd2-8253-193db7e1639e Sweden 5f4e1b07-d1f5-4421-a121-6eb0e67ca293 Finland 3ef95793-6293-4ec9-90be-eba4a84958bb Bulgaria 3eb6f6af-cb5c-46af-bfeb-95b97e28d736 Denmark c615641d-0cfb-4236-896b-e7635a4c1230 Germany

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZANQEGBB000A000000XX
EAN	8015644752828
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	8015644752828

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 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	78 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) 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)	1000 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	1SDC200023D0209
Declaration of Conformity - CE	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001

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

