



PRODUCT-DETAILS

E1.2N 630 Ekip Dip LSI 4p F F

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General Information	
Extended Product Type	E1.2N 630 Ekip Dip LSI 4p F F
Product ID	1SDA071352R1
EAN	8015644752026
Catalog Description	E1.2N 630 Ekip Dip LSI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 630 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	e4034e5c-3bb8-43c8-b1d4-8cefc3ba7dca Italy
Simplified SCIP	95492571-cb2f-46c4-b75f-19f2829e216f Estonia cf898fc7-6f11-4fd1-b3f8-2fe8da4db663 Sweden 451880a3-c42b-4689-8d9e-4beadc7977e8 Norway 0c5f3daf-adb5-44dd-9f0b-58cdccd3ed3e Belgium ae3e678e-1d31-4133-a8e7-55de788933a9 Belgium 62d5b0e9-d234-448a-badb-86742031889f Bulgaria 3f092cd5-c1f1-469f-98a0-185912062413 Germany 03b610e1-dc76-41ea-b44f-97d92a5ea699 Finland cf898fc7-6f11-4fd1-b3f8-2fe8da4db663 Sweden 26ba2b3c-29af-49ce-a263-5527aee56661 Germany 3f781c09-3451-4328-924a-eb43e2f018ee Denmark 005e58ae-1cfa-4eec-8f5f-6e8253ccf6e2 Poland 4dbbcb69-20eb-4b78-8fa4-6015b1b0e551 Greece 3f781c09-3451-4328-924a-eb43e2f018ee Denmark 958cc4fe-58a7-4e98-a852-c4bd54b75b40 Poland 52236e00-420a-4f97-bd1f-f11b3cc282d7 Hungary 26ba2b3c-29af-49ce-a263-5527aee56661 Germany d5bbffde-7658-4d9d-a638-80550b296a34 Germany 3f092cd5-c1f1-469f-98a0-185912062413 Germany d5bbffde-7658-4d9d-a638-80550b296a34 Germany 0c5f3daf-adb5-44dd-9f0b-58cdccd3ed3e Belgium 38f4415e-e68f-4ab2-843b-b6568e61ec26 Croatia ff96a9a9-64ef-4b37-9e71-ea96a11e61bf Netherlands 42312b6d-47c0-465d-8d2f-0a087a27b301 Portugal c228b6d4-0c9c-4d8f-b41a-53e4e0f7a78a Poland 958cc4fe-58a7-4e98-a852-c4bd54b75b40 Poland 4dbbcb69-20eb-4b78-8fa4-6015b1b0e551 Greece 03b610e1-dc76-41ea-b44f-97d92a5ea699 Finland 42312b6d-47c0-465d-8d2f-0a087a27b301 Portugal eadd7ab9-ff20-41aa-a846-b02382a5e41a Czech Republic ecf13b3b-dd6a-4ff9-9966-bc01ef54a7d8 Germany ff96a9a9-64ef-4b37-9e71-ea96a11e61bf Netherlands 3ba9b781-9046-4b0f-8be8-3253cab191dc Sweden 38f4415e-e68f-4ab2-843b-b6568e61ec26 Croatia 08689d1f-d6cd-46c8-980f-cd2e7757f714 France 451880a3-c42b-4689-8d9e-4beadc7977e8 Norway 3caaf17d-4a23-4029-ac3a-67c32df20d84 Germany eadcdeac-f211-428b-901d-79eac469be72 Hungary 52236e00-420a-4f97-bd1f-f11b3cc282d7 Hungary fed6d818-9478-48ce-ab4b-fc28621d86c1 Spain ae3e678e-1d31-4133-a8e7-55de788933a9 Belgium 005e58ae-1cfa-4eec-8f5f-6e8253ccf6e2 Poland 08689d1f-d6cd-46c8-980f-cd2e7757f714 France ecf13b3b-dd6a-4ff9-9966-bc01ef54a7d8 Germany 3caaf17d-4a23-4029-ac3a-67c32df20d84 Germany 852b3e63-9b58-40df-9ba4-b993c6473152 France 3ba9b781-9046-4b0f-8be8-3253cab191dc Sweden c228b6d4-0c9c-4d8f-b41a-53e4e0f7a78a Poland 95492571-cb2f-46c4-b75f-19f2829e216f Estonia 852b3e63-9b58-40df-9ba4-b993c6473152 France eadcdeac-f211-428b-901d-79eac469be72 Hungary eadd7ab9-ff20-41aa-a846-b02382a5e41a Czech Republic 62d5b0e9-d234-448a-badb-86742031889f Bulgaria fed6d818-9478-48ce-ab4b-fc28621d86c1 Spain

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZANNEEBB000A000000XX
EAN	8015644752026
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	8015644752026

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	31 W

Rated Current (I_n)	630 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)	630 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

