



PRODUCT-DETAILS

E1.2N 1600 Ekip Dip LI 4p F F

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General Information

Extended Product Type	E1.2N 1600 Ekip Dip LI 4p F F
Product ID	1SDA071511R1
EAN	8015644753610
Catalog Description	E1.2N 1600 Ekip Dip LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI 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
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	975431a1-ef14-4a5a-8bc7-dce91ea92726 Italy
Simplified SCIP	f185668d-8e22-4184-8cd3-52ba6754ec51 Croatia ce03c709-a964-4eee-b4ad-cf03ece4af24 Bulgaria 52918f86-697b-4ebd-89f1-33bf9f615bb2 Denmark 849762cf-1104-437c-b5e5-9418d30cba52 Sweden 0cd2ec1b-eadb-4cfc-b5ec-067f9683a13d Finland 7b12cb37-e000-49b5-86be-5e3e9f64abfc Germany bb67112e-317b-4883-af25-87d96b2e1fce Germany 6a3d1ad8-4491-4865-8405-b0e30dc04e66 Norway bb67112e-317b-4883-af25-87d96b2e1fce Germany 4796da96-a7b2-476e-809b-f474be81e309 Belgium 71c6e698-cf8e-4b99-93ba-515ef1a3aa72 Germany b769541f-6128-4aa3-963b-71aa69528795 Greece f4bf7512-d517-4a06-8d0b-869970dc9f1b Poland 4022f7e6-7c54-4f69-980e-dbd075bf5ed8 Poland 71c6e698-cf8e-4b99-93ba-515ef1a3aa72 Germany e28b7fdb-b315-4e82-a18f-8ab753f9aaf6 Hungary 52918f86-697b-4ebd-89f1-33bf9f615bb2 Denmark 7b12cb37-e000-49b5-86be-5e3e9f64abfc Germany 6a3d1ad8-4491-4865-8405-b0e30dc04e66 Norway 6d20b617-0fc1-43ae-a1a1-5157f85dd239 Poland ba1d4a26-2618-49e7-ba00-9a38bb51e3cd Portugal 4796da96-a7b2-476e-809b-f474be81e309 Belgium cdd3ea0d-efbe-428d-a5f8-c05846c5fed4 Netherlands 4022f7e6-7c54-4f69-980e-dbd075bf5ed8 Poland cb3fb1a2-6877-449e-b1ba-8b06c8390a36 Belgium b872e7a7-2026-4549-aec7-e85ccf101bbe Germany a234a043-e42a-408c-84e6-219f185f4be9 Hungary 00e81e5b-7379-4cd2-8f28-504e22be0b05 Germany ce03c709-a964-4eee-b4ad-cf03ece4af24 Bulgaria bf287ebe-7566-4f3a-80b0-87db7df74d15 Czech Republic 231b568f-c694-4039-b2a1-7d98d02afd84 France ba1d4a26-2618-49e7-ba00-9a38bb51e3cd Portugal 0cd2ec1b-eadb-4cfc-b5ec-067f9683a13d Finland bf287ebe-7566-4f3a-80b0-87db7df74d15 Czech Republic 0e8da7e4-eb86-4b3f-81c6-ba23ef3e30e5 Sweden f185668d-8e22-4184-8cd3-52ba6754ec51 Croatia cdd3ea0d-efbe-428d-a5f8-c05846c5fed4 Netherlands e28b7fdb-b315-4e82-a18f-8ab753f9aaf6 Hungary 497f37bd-5a27-4df3-b207-0576914e4d1e Spain cb3fb1a2-6877-449e-b1ba-8b06c8390a36 Belgium b769541f-6128-4aa3-963b-71aa69528795 Greece 849762cf-1104-437c-b5e5-9418d30cba52 Sweden f4bf7512-d517-4a06-8d0b-869970dc9f1b Poland 231b568f-c694-4039-b2a1-7d98d02afd84 France 79863ac3-6f0c-4d43-992d-530d226af1a4 France 0e8da7e4-eb86-4b3f-81c6-ba23ef3e30e5 Sweden 00e81e5b-7379-4cd2-8f28-504e22be0b05 Germany b872e7a7-2026-4549-aec7-e85ccf101bbe Germany 79863ac3-6f0c-4d43-992d-530d226af1a4 France a234a043-e42a-408c-84e6-219f185f4be9 Hungary 1bbb22e2-04ec-4ba1-a044-b5f1f9718e46 Estonia 6d20b617-0fc1-43ae-a1a1-5157f85dd239 Poland 1bbb22e2-04ec-4ba1-a044-b5f1f9718e46 Estonia 497f37bd-5a27-4df3-b207-0576914e4d1e Spain

Environmental	
Environmental Information	9AKK108467A6707

Ordering	
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Order Code US and Canada	ZANSEJBA000A000000XX
EAN	8015644753610
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	8015644753610

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 3000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4P
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 LI
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
Instructions and Manuals	1SDH000999R0002

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

