



PRODUCT-DETAILS

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

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General Information

Extended Product Type	E1.2C 1600 Ekip Dip LI 4p F F
Product ID	1SDA071501R1
EAN	8015644753511
Catalog Description	E1.2C 1600 Ekip Dip LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 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	f366ac9c-f9f1-4b19-91ae-40546a6eed2e Italy
Simplified SCIP	6b47c08d-a50f-4b07-9670-7a7d07ed92f1 Germany 10c49919-5626-4c3b-9c37-ba5ecfeaf3c6 Hungary c7f140f5-3267-42bf-a073-5a2729f799dd Spain aa834944-7d7a-4741-b1da-179d8888c2c9 Belgium 27196220-c9b9-47bd-a052-e2d457d97091 France 0756df9b-c2d7-4209-9bb5-52c30b8715eb Croatia fef1a557-66b9-4352-91ca-e1220fea3bb8 Bulgaria 794b3d32-627d-419d-968c-804df6577892 Czech Republic cb635d31-8a7e-4bbc-8d38-c3a113acb3fc Hungary d92a6093-9f4d-4f52-89ab-be3a218eb0de Norway 8e296112-10d9-4038-aaf9-a4e8fe450b98 Poland 6cd2fa2c-45ad-479f-88e9-8f92aa10a78b Netherlands 9fddf4d2-d35d-4f82-bde5-3501f339d73b Finland 1458655e-bbe4-4b4c-a773-81a893e58c69 Greece ef92ec47-ec1c-4f62-a712-f83075008255 Estonia cf834d0a-b19a-4f7e-9c7d-920322bbfeb8 France f9373592-34a9-4b2e-87a3-74f2c4e8148a Denmark b7b3973b-0135-4c9c-88b5-8da151616798 Germany de0da1d4-8808-4e31-93e7-581031d8228d Germany dc1cceb5-c222-4897-ac90-ed2fc94dd722 Belgium de3121e8-c9c1-414c-9590-1cfca71915c9 Sweden b1ce3652-15bf-42d2-9175-cd4774447c94 Germany f6a8cb60-1093-4d35-9d56-74943c3715ce Germany 998d36fb-89d7-45a1-9d64-66218864126e Portugal 8fba204d-3616-4c49-93f8-079c79b26947 Sweden b133b8ea-f8f7-4c91-87ef-f62d9b3b031e Poland dda68619-8339-4fcd-9408-9f281730b740 Poland

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZACSEJBA000A000000XX
EAN	8015644753511
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	8015644753511

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	$U_e \leq 440 \text{ V}$ 3000 cycle $U_e = 500 \dots 690 \text{ V}$ 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% I_{uI}])	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) 50 kA (230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 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 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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	C
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

