



 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
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Circular Value

Circular Design	Design for Closing Resource Loops - Standard EN45555 - 76.4 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2360

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1900
9AKK108468A3028

Environmental

Environmental Information 9AKK108467A6707

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 (IT)

Simplified SCIP 6b47c08d-a50f-4b07-9670-7a7d07ed92f1 Germany (DE)
10c49919-5626-4c3b-9c37-ba5ecfeaf3c6 Hungary (HU)
c7f140f5-3267-42bf-a073-5a2729f799dd Spain (ES)
aa834944-7d7a-4741-b1da-179d8888c2c9 Belgium (BE)
27196220-c9b9-47bd-a052-e2d457d97091 France (FR)
0756df9b-c2d7-4209-9bb5-52c30b8715eb Croatia (HR)
fef1a557-66b9-4352-91ca-e1220fea3bb8 Bulgaria (BG)
794b3d32-627d-419d-968c-804df6577892 Czech Republic (CZ)
cb635d31-8a7e-4bbc-8d38-c3a113acb3fc Hungary (HU)
d92a6093-9f4d-4f52-89ab-be3a218eb0de Norway (NO)
8e296112-10d9-4038-aaf9-a4e8fe450b98 Poland (PL)
6cd2fa2c-45ad-479f-88e9-8f92aa10a78b Netherlands (NL)
9fddf4d2-d35d-4f82-bde5-3501f339d73b Finland (FI)
1458655e-bbe4-4b4c-a773-81a893e58c69 Greece (GR)
ef92ec47-ec1c-4f62-a712-f83075008255 Estonia (EE)
cf834d0a-b19a-4f7e-9c7d-920322bbfeb8 France (FR)
f9373592-34a9-4b2e-87a3-74f2c4e8148a Denmark (DK)
b7b3973b-0135-4c9c-88b5-8da151616798 Germany (DE)
de0da1d4-8808-4e31-93e7-581031d8228d Germany (DE)
dc1cce55-c222-4897-ac90-ed2fc94dd722 Belgium (BE)
de3121e8-c9c1-414c-9590-1cfca71915c9 Sweden (SE)
b1ce3652-15bf-42d2-9175-cd4774447c94 Germany (DE)
f6a8cb60-1093-4d35-9d56-74943c3715ce Germany (DE)
998d36fb-89d7-45a1-9d64-66218864126e Portugal (PT)
8fba204d-3616-4c49-93f8-079c79b26947 Sweden (SE)
b133b8ea-f8f7-4c91-87ef-f62d9b3b031e Poland (PL)
dda68619-8339-4fcd-9408-9f281730b740 Poland (PL)

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 = < 440 V 3000 cycle U _e = 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	4
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 _{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
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

Classifications

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

