



 PRODUCT-DETAILS

E1.2B 630 Ekip Dip LI 4p F F

E1.2B 630 Ekip Dip LI 4p F F



General Information

Extended Product Type	E1.2B 630 Ekip Dip LI 4p F F
Product ID	1SDA071331R1
EAN	8015644751814
Catalog Description	E1.2B 630 Ekip Dip LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 630 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
------------------	-----

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 3681d6f9-45c8-47f2-b593-2c7a550c0982 Italy (IT)

Simplified SCIP

d2bb70d3-15c3-44f8-bca7-6a06df48f7e5 Belgium (BE)
116ef8a6-7f4a-43ef-a530-741062e12807 Hungary (HU)
88adcbb1-4f4b-47ff-93ac-d62075d974b8 Finland (FI)
d099fc28-9750-4a01-95ad-8a26ee8b79bc Germany (DE)
8c3b8489-5f50-456c-b5b1-3b07972303d0 Belgium (BE)
dd8b3eb7-1309-4aac-a2dd-643c320d76f8 Croatia (HR)
38a0112b-c177-4a89-ada2-3a8e93669e80 Poland (PL)
14123592-2204-4f8c-8a09-a897303527b5 Czech Republic (CZ)
70b32e73-0a72-4b75-bd3b-fa335f2cf02b Germany (DE)
a8484234-4b84-4f91-92ce-6076a4838cce Sweden (SE)
95d61820-27d3-4e5b-a629-54bbbf0abb82 Poland (PL)
2170a182-b45e-4173-bb85-632a5c1d8dea France (FR)
19328ae0-b937-49c5-8562-0a684faeda48 Poland (PL)
c5f0edc0-eb46-4aab-a5cd-bf2c0db784d0 Estonia (EE)
6f019d84-8a80-41a0-8cec-796c4342582b Bulgaria (BG)
3c3f0232-2331-43da-800c-0faee14b58f2 Norway (NO)
62d8ef36-f99f-4544-a79d-09ca69fb2cd5 Denmark (DK)
890333a8-be94-4b5b-a48d-acad406e781c Germany (DE)
472b85a7-d5ed-4d01-82ea-ba02ce8e0cdc Portugal (PT)
b3243704-5481-4ad8-9607-4ee4df2c45e3 Hungary (HU)
7ca1ceed-6bc5-4fc6-808e-d7f6741262ac Spain (ES)
15ae5d02-1f85-4d1e-9ddc-5efe707f384c Netherlands (NL)
415ff63e-311f-4c64-a03e-1b3619655315 Greece (GR)
2ef6f729-f94d-4c22-a47d-9530c6eabba1 Sweden (SE)
049165e0-0bf6-4f9b-b3ba-7f86fc31d30d Germany (DE)
9d57c101-8280-476b-a65b-703dd3c02f23 Germany (DE)
0e7223dd-21bc-4d42-a468-23d76a508c5a France (FR)

Ordering

Order Code US and Canada ZABNEEBA000A000000XX

EAN 8015644751814

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	8015644751814

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 8000 cycle U _e = 500 ... 690 V 8000 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	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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I _u)	630 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	B
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

