



PRODUCT-DETAILS

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

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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
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	3681d6f9-45c8-47f2-b593-2c7a550c0982 Italy
Simplified SCIP	d2bb70d3-15c3-44f8-bca7-6a06df48f7e5 Belgium 116ef8a6-7f4a-43ef-a530-741062e12807 Hungary 88adcbb1-4f4b-47ff-93ac-d62075d974b8 Finland d099fc28-9750-4a01-95ad-8a26ee8b79bc Germany 8c3b8489-5f50-456c-b5b1-3b07972303d0 Belgium dd8b3eb7-1309-4aac-a2dd-643c320d76f8 Croatia 38a0112b-c177-4a89-ada2-3a8e93669e80 Poland 14123592-2204-4f8c-8a09-a897303527b5 Czech Republic 70b32e73-0a72-4b75-bd3b-fa335f2cf02b Germany a8484234-4b84-4f91-92ce-6076a4838cce Sweden 95d61820-27d3-4e5b-a629-54bbb0abb82 Poland 2170a182-b45e-4173-bb85-632a5c1d8dea France 19328ae0-b937-49c5-8562-0a684faeda48 Poland c5f0edc0-eb46-4aab-a5cd-bf2c0db784d0 Estonia 6f019d84-8a80-41a0-8cec-796c4342582b Bulgaria 3c3f0232-2331-43da-800c-0faee14b58f2 Norway 62d8ef36-f99f-4544-a79d-09ca69fb2cd5 Denmark 890333a8-be94-4b5b-a48d-acad406e781c Germany 472b85a7-d5ed-4d01-82ea-ba02ce8e0cdc Portugal b3243704-5481-4ad8-9607-4ee4df2c45e3 Hungary 7ca1ceed-6bc5-4fc6-808e-d7f6741262ac Spain 15ae5d02-1f85-4d1e-9ddc-5efe707f384c Netherlands 415ff63e-311f-4c64-a03e-1b3619655315 Greece 2ef6f729-f94d-4c22-a47d-9530c6eabba1 Sweden 049165e0-0bf6-4f9b-b3ba-7f86fc31d30d Germany 9d57c101-8280-476b-a65b-703dd3c02f23 Germany 0e7223dd-21bc-4d42-a468-23d76a508c5a France

Environmental

Environmental Information	9AKK108467A6707
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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
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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	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 ([% I _n])	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) 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 _{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-	(400 V AC) 42 kA

Circuit Breaking Capacity (I _{cu})	(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
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

