



PRODUCT-DETAILS

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

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General Information	
Extended Product Type	E1.2B 630 Ekip Dip LSIG 4p F F
Product ID	1SDA071333R1
EAN	8015644751838
Catalog Description	E1.2B 630 Ekip Dip LSIG 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-LSIG 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	6fb50db1-b15a-4663-a59b-1f80822ab684 Italy
Simplified SCIP	e83d42bf-9fa4-47cc-8603-b14a4585e703 Finland da984da8-c2b7-4707-bf31-1b202310ea0a Czech Republic 3c6b5285-d4fd-40b5-b0c1-602f9dbc7f6c Norway c899d88f-d737-4795-917c-4409c7528769 Germany df7c5936-df07-4c68-8319-8257cbd7c4e0 Hungary 14ad64fb-cd1a-42b2-9143-085c6b817f71 Sweden df7c5936-df07-4c68-8319-8257cbd7c4e0 Hungary 72ab0205-ceac-4632-8a23-da998b437c06 Croatia ff245cb0-c5fe-4060-85e2-46ab4d6918f5 Portugal 7cb5c789-80e0-4926-9c21-8f87ee1a350b Germany 14d19b23-0ef5-4984-ae4b-4d4c6a2d63a9 Bulgaria da984da8-c2b7-4707-bf31-1b202310ea0a Czech Republic d6ef68dc-c2bc-4a8e-bdbb-f8f09a2f08ba Poland d1aeef83-5eca-4fb3-9353-16e7b86f4cc4 France 14ad64fb-cd1a-42b2-9143-085c6b817f71 Sweden 7cb5c789-80e0-4926-9c21-8f87ee1a350b Germany c899d88f-d737-4795-917c-4409c7528769 Germany 780195f3-21c7-4097-afed-2b2ab871763a Estonia e7fe9d94-abeb-45fd-a309-ac3bb6e2a7f3 Poland eae3c89b-b4ba-4883-abc5-8e2ce71359b2 Greece 50ca54be-0ef2-4836-a033-9e6a7ffd4cd5 France c88d4fdc-f359-4c9c-9e85-410922434997 Hungary f01974d5-f90c-4e26-b5e8-1a57832b33d7 Netherlands 780195f3-21c7-4097-afed-2b2ab871763a Estonia 78f9f080-fae3-46fa-9fae-d0c118452020 Spain b077244e-2b81-44c9-8a52-40afb99fc29c Sweden 9a4560b2-da6b-4993-b2ab-285e8f112c79 Poland f01974d5-f90c-4e26-b5e8-1a57832b33d7 Netherlands e7fe9d94-abeb-45fd-a309-ac3bb6e2a7f3 Poland d1aeef83-5eca-4fb3-9353-16e7b86f4cc4 France 72ab0205-ceac-4632-8a23-da998b437c06 Croatia c171af7f-ae2-42a6-b5e8-a8856252b6f4 Belgium 7a6aaf87-edc6-4335-ae98-e78bf0a7eb34 Germany d6ef68dc-c2bc-4a8e-bdbb-f8f09a2f08ba Poland 9a4560b2-da6b-4993-b2ab-285e8f112c79 Poland 9dc68f44-18d1-4c7d-864c-dc7e2ffd4c3d Germany 3b2f7994-45b2-48f7-8767-b405748efd37 Germany 3b2f7994-45b2-48f7-8767-b405748efd37 Germany eae3c89b-b4ba-4883-abc5-8e2ce71359b2 Greece 67208b1d-df0c-4b90-ad2d-4b16f1e7ea72 Denmark 7a6aaf87-edc6-4335-ae98-e78bf0a7eb34 Germany 3c6b5285-d4fd-40b5-b0c1-602f9dbc7f6c Norway 35b10440-630b-42e2-b76b-501d19de8e25 Belgium c171af7f-ae2-42a6-b5e8-a8856252b6f4 Belgium 67208b1d-df0c-4b90-ad2d-4b16f1e7ea72 Denmark 14d19b23-0ef5-4984-ae4b-4d4c6a2d63a9 Bulgaria ff245cb0-c5fe-4060-85e2-46ab4d6918f5 Portugal b077244e-2b81-44c9-8a52-40afb99fc29c Sweden e83d42bf-9fa4-47cc-8603-b14a4585e703 Finland 9dc68f44-18d1-4c7d-864c-dc7e2ffd4c3d Germany 78f9f080-fae3-46fa-9fae-d0c118452020 Spain c88d4fdc-f359-4c9c-9e85-410922434997 Hungary 50ca54be-0ef2-4836-a033-9e6a7ffd4cd5 France 35b10440-630b-42e2-b76b-501d19de8e25 Belgium

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZABNEEBC000A000000XX
EAN	8015644751838
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	8015644751838

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 ([% Iu])	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-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 LSIG
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

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

