



PRODUCT-DETAILS

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

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General Information	
Extended Product Type	E1.2B 630 Ekip Touch LI 4p F F
Product ID	1SDA071334R1
EAN	8015644751845
Catalog Description	E1.2B 630 Ekip Touch 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/TOUCH-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	347dc84f-dc8a-4c34-ad0f-12c591d81300 Italy
Simplified SCIP	db67d89c-0f95-457a-bd16-efa714b97768 Czech Republic 018fc7bf-7519-4052-83f5-50c7cbbe3f78 Portugal cf33f570-8de9-4df7-ac82-156c0f4dcc9f Sweden 13d18d15-fd9d-41b6-a11c-fa24f7d83c91 Poland 0ebb3a8e-f029-4804-b431-1fce66fe596f France 151f6b0c-ea43-461b-8920-c928ed56e433 Sweden 71047c07-4f29-4548-9e72-887bf1167cca Germany e6123398-8841-443d-950d-ab1c6440adf1 Hungary 69c021e2-53ce-49cd-bd08-c1bbf7ac52a8 France c30bf7dc-81b5-499f-9095-a7a4d8d9a7ae Germany 69c021e2-53ce-49cd-bd08-c1bbf7ac52a8 France 6e9c9f4f-b9c4-4fa5-bb4b-b325de060743 Greece 8ff5f91e-0caa-4205-b3ac-d428da5eafe2 Estonia ef6d48b0-d627-4a6c-942d-9faf11f19e7 Poland e6123398-8841-443d-950d-ab1c6440adf1 Hungary e85f32aa-948f-4339-a834-219e93532365 Netherlands 8ff5f91e-0caa-4205-b3ac-d428da5eafe2 Estonia 1fbd2f40-8269-4adb-98f7-23d647ab37c5 Spain ef6d48b0-d627-4a6c-942d-9faf11f19e7 Poland 3abe306f-b7ba-4491-a3bc-c0d1d6d79c8f Poland e85f32aa-948f-4339-a834-219e93532365 Netherlands 1dd693fc-6115-47d1-a67c-df0a77edc89b Belgium db720ae1-ce17-4f8f-9261-1569462f22b9 Hungary db720ae1-ce17-4f8f-9261-1569462f22b9 Hungary 71047c07-4f29-4548-9e72-887bf1167cca Germany c30bf7dc-81b5-499f-9095-a7a4d8d9a7ae Germany a0bb7b36-509e-4fbe-8d01-a3965efa1074 Belgium 8ab19126-73ba-4e4a-89b9-ce7e8f1d384a Germany 3abe306f-b7ba-4491-a3bc-c0d1d6d79c8f Poland 13d18d15-fd9d-41b6-a11c-fa24f7d83c91 Poland d26cbe74-6b73-425b-b2ec-fbfd3aef06b9 Germany b0d8c1fc-bbc5-4e6f-bb85-fcac4d5e3883 Bulgaria 1dd693fc-6115-47d1-a67c-df0a77edc89b Belgium 7a8ba6d3-25d3-48f8-b90e-668edf62efa1 Croatia cf2816cd-e35f-4287-b579-8270e32afc8a Denmark 6e9c9f4f-b9c4-4fa5-bb4b-b325de060743 Greece 8ab19126-73ba-4e4a-89b9-ce7e8f1d384a Germany 1a79b351-c3dc-43b4-b898-adebec454b46 Norway d26cbe74-6b73-425b-b2ec-fbfd3aef06b9 Germany cf2816cd-e35f-4287-b579-8270e32afc8a Denmark b0d8c1fc-bbc5-4e6f-bb85-fcac4d5e3883 Bulgaria 95c30af2-1b29-4a1a-992f-9fa31089c0a3 Finland cf33f570-8de9-4df7-ac82-156c0f4dcc9f Sweden cedc67d5-8485-412a-ac72-3dc5f1e355c6 Germany 1fbd2f40-8269-4adb-98f7-23d647ab37c5 Spain a0bb7b36-509e-4fbe-8d01-a3965efa1074 Belgium cedc67d5-8485-412a-ac72-3dc5f1e355c6 Germany 1a79b351-c3dc-43b4-b898-adebec454b46 Norway 0ebb3a8e-f029-4804-b431-1fce66fe596f France 018fc7bf-7519-4052-83f5-50c7cbbe3f78 Portugal db67d89c-0f95-457a-bd16-efa714b97768 Czech Republic 95c30af2-1b29-4a1a-992f-9fa31089c0a3 Finland 151f6b0c-ea43-461b-8920-c928ed56e433 Sweden 7a8ba6d3-25d3-48f8-b90e-668edf62efa1 Croatia

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZABNEEBD000A000000XX
EAN	8015644751845
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	8015644751845

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 Touch 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
Instructions and Manuals (Part 2)	1SDH001316R1002

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

