



PRODUCT-DETAILS

E2.2H 800 Ekip Dip LSIG 4p F HR

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General Information	
Extended Product Type	E2.2H 800 Ekip Dip LSIG 4p F HR
Product ID	1SDA071543R1
EAN	8015644753931
Catalog Description	E2.2H 800 Ekip Dip LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 800 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 800 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	9AKK108468A2361
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

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	b1b87667-37e3-4184-ae78-60e76c0ea618 Italy
Simplified SCIP	34e0c07e-c1e5-4749-9224-cf35103157bb Germany 7ba5fce9-a086-4a59-bf38-35dfe190fa63 Czech Republic 405cc2d9-0ea3-402c-ba68-37f87f78d054 Norway 8a6fa3cd-5fdf-40bf-8d92-17bcc8de344c Poland 4c032252-2be2-46cb-9740-cbd02f636814 Hungary 9313cec0-dd5e-494e-a3e8-975abd3e02e6 Germany a8c7d362-e920-4936-aad4-7d170eb9f844 Germany e90439af-b52f-488e-8c61-51262bc8bc1b Belgium 8c70cd71-63ed-46bc-9c9f-9e7ad9ab994f Sweden 050b7a15-107b-48b3-89a3-fe7af7d15a1a Netherlands cc3f4f21-6b99-469d-89da-4b9af7ed6139 Greece 8c7b17d4-ee25-42bd-9ebd-46b1b263bab1 Estonia 18ce10ea-1273-4bcf-845e-f3ebad862d79 France 26f4ae7f-888a-45f7-a866-4c2ee87231bf Finland bb26c445-dd42-47e8-b85a-f92d998523c1 Germany c5b844bf-7f0a-4361-830b-b34e53710216 Germany d19b3754-6f69-475a-8ad4-d6bf016ff065 Denmark 1ebdb87b-334c-4ef6-82c9-8a5f1ab6e872 France 3acbcdbd-51de-4421-ae0f-03a8766815e7 Croatia e2378b99-7934-41b4-9ec1-3c4c28458950 Bulgaria 479238f4-334c-464d-a29f-79b311644567 Portugal 741b8a96-56c8-46f9-8d8a-ae21b45074a9 Sweden bb09616c-1141-4013-b5c9-8c2950778924 Poland 9cc367d0-c55a-4859-9d9f-3d842dfefa5b Poland f6894d12-51e4-4f2b-8d86-cf4f419ebc8e Hungary 6b19fe76-2d54-4172-868a-bc96bb55cb57 Spain 3f9c4e85-dc81-4ced-ab51-1d037aa45352 Belgium

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZBHPEFBC000A000000XX
EAN	8015644753931
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm

Product Net Weight 53 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644753931

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	34 W
Rated Current (I _n)	800 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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 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 85 kA for 3 s 66 kA
Rated Ultimate Short-	(400 V AC) 100 kA

Circuit Breaking Capacity (I_{cu})	(415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u)	800 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E2.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002

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

