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
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

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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 (IT)
Simplified SCIP	34e0c07e-c1e5-4749-9224-cf35103157bb Germany (DE) 7ba5fce9-a086-4a59-bf38-35dfe190fa63 Czech Republic (CZ) 405cc2d9-0ea3-402c-ba68-37f87f78d054 Norway (NO) 8a6fa3cd-5fdf-40bf-8d92-17bcc8de344c Poland (PL) 4c032252-2be2-46cb-9740-cbd02f636814 Hungary (HU) 9313cec0-dd5e-494e-a3e8-975abd3e02e6 Germany (DE) a8c7d362-e920-4936-aad4-7d170eb9f844 Germany (DE) e90439af-b52f-488e-8c61-51262bc8bc1b Belgium (BE) 8c70cd71-63ed-46bc-9c9f-9e7ad9ab994f Sweden (SE) 050b7a15-107b-48b3-89a3-fe7af7d15a1a Netherlands (NL) cc3f4f21-6b99-469d-89da-4b9af7ed6139 Greece (GR) 8c7b17d4-ee25-42bd-9ebd-46b1b263bab1 Estonia (EE) 18ce10ea-1273-4bcf-845e-f3ebad862d79 France (FR) 26f4ae7f-888a-45f7-a866-4c2ee87231bf Finland (FI) bb26c445-dd42-47e8-b85a-f92d998523c1 Germany (DE) c5b844bf-7f0a-4361-830b-b34e53710216 Germany (DE) d19b3754-6f69-475a-8ad4-d6bf016ff065 Denmark (DK) 1ebdb87b-334c-4ef6-82c9-8a5f1ab6e872 France (FR) 3acbcdbd-51de-4421-aef0-03a8766815e7 Croatia (HR) e2378b99-7934-41b4-9ec1-3c4c28458950 Bulgaria (BG) 479238f4-334c-464d-a29f-79b311644567 Portugal (PT) 741b8a96-56c8-46f9-8d8a-ae21b45074a9 Sweden (SE) bb09616c-1141-4013-b5c9-8c2950778924 Poland (PL) 9cc367d0-c55a-4859-9d9f-3d842dfefa5b Poland (PL) f6894d12-51e4-4f2b-8d86-cf4f419ebc8e Hungary (HU) 6b19fe76-2d54-4172-868a-bc96bb55cb57 Spain (ES) 3f9c4e85-dc81-4ced-ab51-1d037aa45352 Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

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

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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 Icu (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-Circuit Breaking Capacity (I_{cu})	(400 V AC) 100 kA (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

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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

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

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Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2



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