PRODUCT-DETAILS

E2.2H 1600 Ekip Dip LSI 4p F HR

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General Information

Extended Product Type	E2.2H 1600 Ekip Dip LSI 4p F HR
Product ID	1SDA071642R1
EAN	8015644754921
Catalog Description	E2.2H 1600 Ekip Dip LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 1600 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	b2c1f6cd-5bac-45c5-9727-939dbec77987 Italy (IT)
Simplified SCIP	a09842f6-dafe-4491-a0b0-f489931d3139 Germany (DE) 30bb622b-a538-4896-a87f-7c6a8d987546 Portugal (PT) 81c82a00-8507-4719-9720-06768ff7757e Bulgaria (BG) 1baceb3b-2768-46c3-8367-68701c5394bd Poland (PL) 70c7012a-c856-49a4-85e0-4b8343e3b826 Sweden (SE) 35937bd9-b85a-484f-8b18-389374ffdacf Denmark (DK) 0b08fe4d-a004-4bfd-8889-24d312e84fd5 Poland (PL) c5dc7afe-7ee9-4ecf-9e3e-0b9b2961d6a5 Poland (PL) 41e58bc2-2082-4b9b-85c3-24ae3267c122 France (FR) c8171ed9-c313-4d33-a417-ef69a9fe641e Norway (NO) 4dd35e3c-4891-48b1-9c37-08bbdcc4cc6d Germany (DE) 35fdc3f3-5bae-4a3b-8b47-f2f5606cb590 Croatia (HR) 4db8184f-1221-42da-9b1a-f2e8748550bf Finland (FI) e88a3cf0-721c-4eb9-860d-5695300b7728 Belgium (BE) 2f510c20-a374-4654-9b50-78a1b38e3101 Sweden (SE) 5c9ecd36-c648-4e5e-8cf5-93ba46386ec6 Germany (DE) 2233449a-fd44-4ba6-9d71-a9eecddd2656 Czech Republic (CZ) 0c6ff77e-bdfc-4a7c-a0ef-18d633f53204 Germany (DE) 7a380233-d2a8-4852-9fdd-36f54471cc24 Germany (DE) 2995cbc4-aac3-4e92-aa67-8197660d6301 France (FR) 72d8cf4d-a03c-44f9-bf2b-30f9117800b7 Hungary (HU) d0b6fd82-734f-48d1-be5c-8b7093415c5c Hungary (HU) 8a582c5c-8292-4200-9f5e-04b6d49db942 Spain (ES) 7c5c1128-72c9-4cba-a960-a55407aaf7b4 Netherlands (NL) 75969d44-f696-4ba9-ba1f-3c7e725b74d2 Belgium (BE) 90b4f231-fcb1-4012-b07b-3b152d99f237 Estonia (EE) 4f5655ce-76f7-4023-a50c-d8f0c783828f Greece (GR)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBHSEJBB000A000000XX
EAN	8015644754921
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	8015644754921

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 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	136 W
Rated Current (I_n)	1600 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)	1600 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSI
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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