PRODUCT-DETAILS

E6.2H 4000 Ekip Dip LI 3p F HR

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General Information

Extended Product Type	E6.2H 4000 Ekip Dip LI 3p F HR
Product ID	1SDA071231R1
EAN	8015644750817
Catalog Description	E6.2H 4000 Ekip Dip LI 3p F HR
Long Description	C.BREAKER EMAX2 E6.2H 4000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1905 9AKK108468A1913

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	c04c4e99-5566-4b60-a5e0-f0ca90ac1a52 Italy (IT)
Simplified SCIP	e3af6a0f-439a-4d54-b0a9-11868fdf4150 Germany (DE) 1fd54fff-0325-4f33-b855-1fe3fa47fa86 Belgium (BE) 2d75bb9f-b88b-472c-bd82-6aaf31908d2b Estonia (EE) 31dc4d3a-9fde-4f58-9662-3d16395621f2 Poland (PL) 9bc4deba-bbad-4000-86ff-043b60aaba6f Sweden (SE) e0a20583-5a43-4256-b6b7-a9aa1bdab6d3 Portugal (PT) 0e61ae21-1c95-46cf-88bd-af2a57be6498 Bulgaria (BG) ccc66ef6-394f-4c6d-a758-244f20ba8dc9 Greece (GR) a25d4c91-2dd6-4179-85ea-225c2e90cf83 Germany (DE) 94f12d4b-dc25-462b-b70e-0280cbd6e070 Germany (DE) 9e554afa-69c2-443f-89f5-8dc39e78effa Poland (PL) 80260b36-9ec7-4383-a991-f621a4be0dbd Germany (DE) 5520ebd6-b83e-4acb-9a5e-4002340a409e France (FR) d8f53b2b-7af2-46a1-ac6d-07f3d6d75d91 Norway (NO) 0a1e038e-8e70-4592-b0cd-ce491ee3b438 Denmark (DK) 044c687d-0bc1-46e7-a414-0f558a7042b0 Belgium (BE) 484a16d0-5a35-4967-89fe-d51ac68d71ec Sweden (SE) 0b5e8a49-1014-44e6-9013-5504f4cf9eab Czech Republic (CZ) 109fd05e-5109-4922-a49f-4432a2099752 Finland (FI) ec69476d-ca47-4ca7-bb94-77107c1e125b Croatia (HR) 5784049e-98fa-4811-b2c9-6f7bd807e6aa Hungary (HU) 558ad2f3-4fa7-463e-a53f-c2afc3031d4c France (FR) 9e66f546-611e-4cbb-8ecd-c876a09ea652 Hungary (HU) 33164212-9ac7-4ba7-9f90-a84ed86c4314 Germany (DE) c64aed0c-fff2-4fc8-834a-f0f0082ae7b8 Spain (ES) 1619ed23-1aa9-4098-92f6-0f97ec54134b Poland (PL) acc7d1f6-e3bb-4214-8648-8790092516ab Netherlands (NL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z6HWERBA000A000000XX
EAN	8015644750817
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	762 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	109 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	1000 mm
Package Level 1 Gross Weight	118 kg
Package Level 1 EAN	8015644750817

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0223

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 4000 cycle Ue = 500 ... 690 V 4000 cycle 10 cycles per hour
Mechanical Durability	12000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	309 W
Rated Current (I_n)	4000 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) 100 kA (660 V AC) 100 kA (690 V AC) 100 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 100 kA for 3 s 100 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) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	4000 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E6.2
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	9AKK106713A5544
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001060R0100
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
Object Classification Code	Q
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

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

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Subject to change without notice