PRODUCT-DETAILS

E6.2H 5000 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E6.2H 5000 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071898R1
EAN	8015644757489
Catalog Description	E6.2H 5000 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E6.2H 5000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 5000 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	8c3e83fc-e1d4-41ec-b259-33967900ae6d Italy (IT)
Simplified SCIP	13260a94-9f89-4ce4-9fa0-f658d6058a07 Spain (ES) 8fc9ae0d-5705-4cc5-ad5a-d6421297d794 Belgium (BE) b9908759-dbed-468d-897a-2400dc482bd9 Estonia (EE) 101f9119-811e-439b-8004-7892adaf516c Hungary (HU) 1d00823f-391a-4cdb-9b2b-75843ae1444d France (FR) 7d61c9d1-8d07-4e8e-9b13-245ec24f382e Poland (PL) 195e4e35-28cf-4199-816f-04bc7f883008 Hungary (HU) b9908759-dbed-468d-897a-2400dc482bd9 Estonia (EE) 0cdb55b4-96fa-47bd-bbc7-e71a210a3d7a Sweden (SE) 29bad600-5d78-4e2b-bee1-b44f1a6dde03 Germany (DE) 36e9b1f5-94d8-4c1b-85a1-a36b01889dbf France (FR) e9fde8fc-58f3-41e6-ab5d-c9d806e6b1f9 Sweden (SE) 3a3f81d9-a26b-421c-8aef-8a4ddda1902c Poland (PL) 101f9119-811e-439b-8004-7892adaf516c Hungary (HU) 13260a94-9f89-4ce4-9fa0-f658d6058a07 Spain (ES) 21e6d727-536f-4a71-9eec-00351f7eb4d8 Germany (DE) 1d00823f-391a-4cdb-9b2b-75843ae1444d France (FR) 1ee0b2c0-376c-4dc2-9ddf-a263f7d0354d Germany (DE) b6d78c9d-a15b-4cd8-a2ca-f5ec71ed3c20 Belgium (BE) 36a73a1d-bae3-4baa-a447-cbf4a843aaad Norway (NO) d71fc2f7-ff5f-4164-aa33-53b92ad7f208 Germany (DE) 097b723e-8a79-4a47-a089-12b8fd1f1074 Bulgaria (BG) bc212967-4268-48fc-bc03-89c8837f31c9 Denmark (DK) a44d3be5-a950-4317-ac56-e39df7588266 Finland (FI) e9fde8fc-58f3-41e6-ab5d-c9d806e6b1f9 Sweden (SE) 1ee0b2c0-376c-4dc2-9ddf-a263f7d0354d Germany (DE) b6d78c9d-a15b-4cd8-a2ca-f5ec71ed3c20 Belgium (BE) bc212967-4268-48fc-bc03-89c8837f31c9 Denmark (DK) ca1f7a18-93a8-4b89-8ac5-0108f895740d Germany (DE) 3a3f81d9-a26b-421c-8aef-8a4ddda1902c Poland (PL) 1e143149-85a9-42c4-b1c4-b7e04473098b Czech Republic (CZ) 46eaf387-3b6f-4c27-83cb-fc068309405d Poland (PL) 195e4e35-28cf-4199-816f-04bc7f883008 Hungary (HU) 0cdb55b4-96fa-47bd-bbc7-e71a210a3d7a Sweden (SE) 29bad600-5d78-4e2b-bee1-b44f1a6dde03 Germany (DE) 4d9bea66-cc3b-4689-a317-adc1e3892ab7 Portugal (PT) 21e6d727-536f-4a71-9eec-00351f7eb4d8 Germany (DE) 1e143149-85a9-42c4-b1c4-b7e04473098b Czech Republic (CZ) 097b723e-8a79-4a47-a089-12b8fd1f1074 Bulgaria (BG) fbe8d9b0-b828-420c-81b4-4f52655aa102 Netherlands (NL) 03c7a131-3aae-49de-a09c-3e2d887632a9 Croatia (HR) c599f0ca-f3c3-485a-a81a-7314b5381ac2 Greece (GR) 7d61c9d1-8d07-4e8e-9b13-245ec24f382e Poland (PL) ca1f7a18-93a8-4b89-8ac5-0108f895740d Germany (DE) 46eaf387-3b6f-4c27-83cb-fc068309405d Poland (PL) fbe8d9b0-b828-420c-81b4-4f52655aa102 Netherlands (NL) a44d3be5-a950-4317-ac56-e39df7588266 Finland (FI) d71fc2f7-ff5f-4164-aa33-53b92ad7f208 Germany (DE) 03c7a131-3aae-49de-a09c-3e2d887632a9 Croatia (HR) 36a73a1d-bae3-4baa-a447-cbf4a843aaad Norway (NO) 36e9b1f5-94d8-4c1b-85a1-a36b01889dbf France (FR) c599f0ca-f3c3-485a-a81a-7314b5381ac2 Greece (GR) 4d9bea66-cc3b-4689-a317-adc1e3892ab7 Portugal (PT) 8fc9ae0d-5705-4cc5-ad5a-d6421297d794 Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZDHXESBJ200A000000XX
EAN	8015644757489
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	888 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	125 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	1127 mm
Package Level 1 Gross Weight	134 kg
Package Level 1 EAN	8015644757489

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0249

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 3000 cycle Ue = 500 ... 690 V 2000 cycle 10 cycles per hour
Mechanical Durability	12000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	50 %
Number of Poles	4P
Power Loss	483 W
Rated Current (I_n)	5000 A
Rated Impulse Withstand Voltage (U_{imp})	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i)	AC 1000 V
Rated Operational	690 V AC

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Voltage	
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)	5000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI
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
Instructions and Manuals (Part 2)	1SDH001316R1002

Classifications

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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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