PRODUCT-DETAILS

E2.2B 1600 Ekip Hi-Touch LSI 3p F HR

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General Information

Extended Product Type	E2.2B 1600 Ekip Hi-Touch LSI 3p F HR
Product ID	1SDA070988R1
EAN	8015644748388
Catalog Description	E2.2B 1600 Ekip Hi-Touch LSI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2B 1600 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-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	44363055-6fb1-46c6-9be3-e1628de9165f Italy (IT)
Simplified SCIP	71eafdc9-bb23-4592-8899-245b1dafa8b9 Germany (DE) fc7e5b50-2a7c-4e1e-ba9a-c16329eb0b29 Czech Republic (CZ) 63c2c829-e9f1-465e-8c28-4ffac282708d Poland (PL) 9e7b684e-4bc5-4937-82da-db705930bad7 Poland (PL) 51ad3278-d6f1-48cf-a62a-0ec31259d229 Sweden (SE) 4be99ed8-47c5-4840-9425-60d6dae39cc6 Portugal (PT) 36d8d155-141c-4cac-a6dc-8f42cfdbf3f6 Belgium (BE) 53275218-10eb-4107-bc2a-059f3ceb80b2 Spain (ES) 7344b06f-6215-4f1d-9e9d-360a8949b5b6 Hungary (HU) fb67eaa8-336b-46c4-8917-ac687f1deb20 Poland (PL) 8ddd4e2c-8345-4034-85a0-ac9ceff4f6f8 Norway (NO) 152554ce-5813-4fe5-bbb5-2a1d425087f9 Belgium (BE) 0807f0d9-b28d-4b62-a450-7481a231ff90 Sweden (SE) 6a873a37-a47e-42b6-b192-2ed2fc2ee680 Greece (GR) 59ed8690-64c8-42e2-89d5-0bbbcfd866a3 France (FR) 2fbd43cf-16f9-45a5-b2f5-1f3afa07f707 Finland (FI) 3b418f88-b5b2-41cb-90b1-08880e4a9a02 Netherlands (NL) 0f8e4da1-f173-4bf3-8a59-d7a5bbfb3d26 Bulgaria (BG) 5204d293-1333-44b4-af82-2c7a059f9969 France (FR) 0273eb6b-4ce6-4a1d-b077-c1a42622d8bf Croatia (HR) a03c2764-1fc1-43c8-9c73-3bfb0a9fc9f0 Germany (DE) 22e20f5a-efcd-469b-9a63-29a4e084cb5e Germany (DE) e4f093ef-f21f-4f26-94b4-60cd8653cc79 Estonia (EE) 5f0f902f-aca1-48a8-b042-0a2b949f18d6 Denmark (DK) dc391e8e-1568-4358-a75f-8fda8d1f1149 Germany (DE) 043808e6-c66b-438f-aa8a-3ee6a50596c3 Germany (DE) 25e1d9bd-031d-490a-ab60-999af3543519 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z2BSEJBJ200A000000XX
EAN	8015644748388
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 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	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644748388

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0083

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
Number of Poles	3P
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1600 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI

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Release Type	EL
Short-Circuit Performance Level	B
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
Instructions and Manuals (Part 2)	1SDH001316R1002

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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