PRODUCT-DETAILS

E2.2B 2000 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E2.2B 2000 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071658R1
EAN	8015644755089
Catalog Description	E2.2B 2000 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2B 2000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 2000 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	667c4a37-79ce-45c2-8ca3-b471370de1be Italy (IT)
Simplified SCIP	ae4a6b8f-1da0-4ca2-8845-8dd21c7eddab Germany (DE) 64d7ee9f-0eb5-4c2c-81cf-617babdfebf0 Belgium (BE) b339dda8-caf7-47f4-87fe-ba9d0bac1c1e Spain (ES) fc62015f-7a95-49b5-b916-7fde5f4776cd Hungary (HU) ba7674ce-42b8-4278-8217-bdc0fad7a466 Bulgaria (BG) 6a43f144-d0ec-47b8-8562-03562ff41320 France (FR) a8be6f10-8cf9-4d2d-a9f3-1ece9ba93ec7 Croatia (HR) 1830d748-22c8-4287-b334-9381a8c041fe Hungary (HU) 3125c58b-c945-4554-bd04-a37c91a1659b Poland (PL) 75cce31e-7708-4640-8b67-fce9550548a8 Norway (NO) d0445ad0-dee6-4558-a283-d19ecb192691 Czech Republic (CZ) 9f7f0d71-ff9a-4225-8a7c-ca24be918d7b Netherlands (NL) b1c4dddc-7237-4a6c-ad93-a5075d7b5569 Finland (FI) e77b3cfd-f229-4a67-8728-ace277c26c48 Estonia (EE) 32a49850-cb22-40ff-8251-2053f1f53f9e Greece (GR) 0bb319d8-e9df-4203-be84-c8d5e5996126 France (FR) 36e3e386-793f-4ff3-b4c2-999e00c6a1b1 Sweden (SE) 1b53b463-38bc-4f96-8d14-3874de078acf Belgium (BE) 0b20c1cd-154b-4c7d-8c04-fd2c9bedc5fc Germany (DE) 1b65553e-fdea-4b4e-a871-a579cf31cc4a Germany (DE) e50b2ec0-c1d4-43c9-83e4-c54bcbac60de Germany (DE) 42ee380e-d56b-48ed-b5f0-a7f9fd251ecf Germany (DE) 782b575b-77d9-4949-9cc9-665b61fe57cc Denmark (DK) cb274626-f649-402f-9295-8cd578c10742 Poland (PL) 7b56795d-fdcc-48d7-b80a-5314286b5b52 Poland (PL) 3071c3b1-c8c7-47e0-97eb-075381187c3a Sweden (SE) 33e98cee-0054-4629-bdea-ad215c19c860 Portugal (PT)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBBTEKBJ200A000000XX
EAN	8015644755089
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	8015644755089

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 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	212 W
Rated Current (I_n)	2000 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)	2000 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
Release	Ekip Hi-Touch LSI
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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