PRODUCT-DETAILS

E2.2N 2000 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type	E2.2N 2000 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071669R1
EAN	8015644755195
Catalog Description	E2.2N 2000 Ekip Hi-Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2N 2000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG 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
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	3a4132ee-f344-4851-9548-60d9a92f1ad9 Italy (IT)
Simplified SCIP	408425be-9e7c-45c5-9ad9-1510cadb559e Germany (DE) f5394adc-c1c2-4168-b83d-f435fd250ea3 Hungary (HU) 2659ade6-8844-4518-a82b-74c5880dc26f Belgium (BE) b8849bda-54af-4f52-a960-e185333c125f Spain (ES) c0223ce4-7453-407a-84a3-12c4ce73ce1b Poland (PL) 18dc11ef-bd9a-479c-9892-e05b2993aa47 Hungary (HU) 363dd768-63a3-4cc3-9bec-7686a4440949 Norway (NO) 43a09334-3471-4ec0-b7d4-af8633b92508 Poland (PL) 7f3ddf22-94c7-4c9e-84ae-fe88809a5058 France (FR) ba249e6a-ad17-444b-ab2e-b20079d6d47b Bulgaria (BG) c6896f3c-4ae0-491d-914f-9c795986a4ed Croatia (HR) 8a7b7af1-86a9-4595-a59b-5863cd8e1a27 Germany (DE) 2c0d6231-8709-4c47-8e15-888966d110b6 Germany (DE) e5b816e9-76de-4b6e-bea1-712b54098aef Estonia (EE) cd7c5d32-4c71-413c-8cd6-420da74969f3 Belgium (BE) 5de17713-ad29-499b-89f0-2c9308b43640 Sweden (SE) bece4de8-0ef3-40b5-b02e-d1c4d33a943c Greece (GR) fbc19409-3d53-4fe6-8ad7-f6190c3cc4be France (FR) a899ded6-b8c5-4fcd-a996-0168f5b6bf50 Netherlands (NL) 8885989e-cf6b-44ee-a24f-9deb91e82f5d Finland (FI) 29e9ec7f-5b87-43e3-ac72-ebf9c3d071a7 Germany (DE) 4e90d549-e94d-4ba5-a5d9-8f161c937176 Germany (DE) 97e27791-3a36-43e3-8cef-8bf3d0f456e3 Denmark (DK) d9c38cb9-524a-4327-977a-059a931cca7d Poland (PL) c21a2260-5d5a-4ece-8b04-12a7b1a1887a Czech Republic (CZ) a60f1a69-59b0-48a6-8271-2c3db3db9d45 Portugal (PT) f2762db8-ac52-4d69-8612-a104d75caeeb Sweden (SE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBNTEKBK200A000000XX
EAN	8015644755195
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
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	8015644755195

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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) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	2000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	N
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

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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

Categories

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



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