



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2361
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

Product acc. to EN45555

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
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	3a4132ee-f344-4851-9548-60d9a92f1ad9 Italy
Simplified SCIP	408425be-9e7c-45c5-9ad9-1510cadb559e Germany f5394adc-c1c2-4168-b83d-f435fd250ea3 Hungary 2659ade6-8844-4518-a82b-74c5880dc26f Belgium b8849bda-54af-4f52-a960-e185333c125f Spain c0223ce4-7453-407a-84a3-12c4ce73ce1b Poland 18dc11ef-bd9a-479c-9892-e05b2993aa47 Hungary 363dd768-63a3-4cc3-9bec-7686a4440949 Norway 43a09334-3471-4ec0-b7d4-af8633b92508 Poland 7f3ddf22-94c7-4c9e-84ae-fe88809a5058 France ba249e6a-ad17-444b-ab2e-b20079d6d47b Bulgaria c6896f3c-4ae0-491d-914f-9c795986a4ed Croatia 8a7b7af1-86a9-4595-a59b-5863cd8e1a27 Germany 2c0d6231-8709-4c47-8e15-888966d110b6 Germany e5b816e9-76de-4b6e-bea1-712b54098aef Estonia cd7c5d32-4c71-413c-8cd6-420da74969f3 Belgium 5de17713-ad29-499b-89f0-2c9308b43640 Sweden bece4de8-0ef3-40b5-b02e-d1c4d33a943c Greece fbc19409-3d53-4fe6-8ad7-f6190c3cc4be France a899ded6-b8c5-4fcd-a996-0168f5b6bf50 Netherlands 8885989e-cf6b-44ee-a24f-9deb91e82f5d Finland 29e9ec7f-5b87-43e3-ac72-ebf9c3d071a7 Germany 4e90d549-e94d-4ba5-a5d9-8f161c937176 Germany 97e27791-3a36-43e3-8cef-8bf3d0f456e3 Denmark d9c38cb9-524a-4327-977a-059a931cca7d Poland c21a2260-5d5a-4ece-8b04-12a7b1a1887a Czech Republic a60f1a69-59b0-48a6-8271-2c3db3db9d45 Portugal f2762db8-ac52-4d69-8612-a104d75caeeb Sweden

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZBNTEKKBK200A000000XX
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

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 ([% I _n])	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 I _{cu} (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-	(400 V AC) 66 kA

Circuit Breaking Capacity (I _{cu})	(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

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

External Classifications and Standards

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

