



PRODUCT-DETAILS

E4.2V 2000 Ekip Touch LSiG 4p F HR

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General Information	
Extended Product Type	E4.2V 2000 Ekip Touch LSiG 4p F HR
Product ID	1SDA071736R1
EAN	8015644755867
Catalog Description	E4.2V 2000 Ekip Touch LSiG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 2000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSiG R 2000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.3 %
Principles Recyclability Rate	
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)	
End of Life Instructions	9AKK108468A2363
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1904
	9AKK108468A1910

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	8382151a-9625-432d-a25e-dbf52890baa8 Italy (IT)
Simplified SCIP	9dbbf37c-fbb3-42da-8600-6a083d9cae45 Germany (DE) 4f98980a-69d3-45c2-87da-6a58f2026bec Estonia (EE) 531de645-8816-464f-88d8-ea77ccc447dc Greece (GR) ddd1fa78-fedc-40b7-bf6e-f1ac27be065d Portugal (PT) 3d1892e9-4c7e-4f5b-aefa-0b06b7f755cd Sweden (SE) 77e42b8a-3cb6-4c93-8f04-5fcc7cfa859d Poland (PL) 197e318a-95bd-44b8-9236-a7dc9b1c3f8e Denmark (DK) 3efbd349-1430-4ab3-9ecc-9d2aa7b06c84 Bulgaria (BG) 2cbdc7be-a237-4a35-a704-1feefc79dba Hungary (HU) 46cd7b36-ab57-47ea-8301-49d52a9e9cf3 Germany (DE) ee3ba4a4-f724-42bb-97a3-214b07ebc245 France (FR) a4d878d9-5a8b-4da0-8ee6-9f3e2d76a073 Poland (PL) 14ba73ef-b582-46ad-a6a5-a9d40b2dda66 Norway (NO) 6523570a-f44b-4de1-bb43-6be35751d584 Croatia (HR) 15001ae4-4da1-4aa9-a691-9e766e830b55 Germany (DE) 7134e90c-0281-4b55-84af-de98ca5655f7 Germany (DE) c40ec50d-4246-41ae-8218-09552cb15946 Germany (DE) bc79aa88-84c2-4839-8293-c795a0f96f98 Hungary (HU) 7b06d498-5367-4e40-801d-72f958e911cc Poland (PL) 931f7a91-5826-4cbc-ab4b-7a5ac3376965 France (FR) 1354555f-edcd-4cf4-96fc-97c9b5e537a6 Netherlands (NL) f0f5d82d-5504-4514-86c1-4be12acf74b8 Spain (ES) 442228d9-89a2-47d4-a4aa-2b6d650b7f87 Belgium (BE) 1fc4e5c4-81c2-48bf-be76-a9b83911b641 Finland (FI) ce42f407-7193-4f21-ab46-691d79656c32 Sweden (SE) b926a803-150e-4bdd-9b7a-df9edabf238d Czech Republic (CZ) 075035d8-59e6-4017-acef-858c680f6a50 Belgium (BE)

Ordering

Order Code US and Canada	ZCVTEKBF000A000000XX
EAN	8015644755867
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
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Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	70 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	785 mm
Package Level 1 Gross Weight	77 kg
Package Level 1 EAN	8015644755867

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 10000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4
Power Loss	425 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of Icu (Ics)	100 %
Rated Current (In)	2000 A
Rated Voltage (Ur)	690 V
Rated Impulse Withstand Voltage (Uimp)	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (Ui)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (Ics)	(220 V AC) 150 kA (230 V AC) 150 kA (380 V AC) 150 kA (400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 kA
Rated Short-time Withstand Current Low Voltage (Icw)	for 1 s 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (Icu)	(400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (525 V AC) 100 kA

	(690 V AC) 100 kA
Rated Uninterrupted Current (I _u)	2000 A
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LSIG
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0197

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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
Instructions and Manuals (Part 2)	1SDH001316R1002

Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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	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

