



PRODUCT-DETAILS

E4.2V 2500 Ekip Touch LI 3p F HR

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General Information	
Extended Product Type	E4.2V 2500 Ekip Touch LI 3p F HR
Product ID	1SDA071124R1
EAN	8015644749743
Catalog Description	E4.2V 2500 Ekip Touch LI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 2500 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 2500 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	9AKK108468A2363
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 79.3 %

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	da07cff8-076a-4df8-9b44-00093710cb24 Italy
Simplified SCIP	4f3b3ad7-f390-4e57-896f-67057e8ce04a Belgium fcf17e7d-4eb6-413c-bdb1-98f8031efe44 Belgium c017fa0e-b2ca-477f-bfa2-f0f66292f6c1 Norway 58503c4e-50db-4535-8047-a1281eb56563 Germany ae0166be-5840-4590-ae7e-c2599871c94c Bulgaria a5e9fb65-78bd-490d-bdeb-163065ceb6a1 Denmark 6e64ad7c-bdda-443a-98dc-302ff55b086b Germany c6ecce88-d7e5-4071-bb01-f46f42f3540b Finland fcf17e7d-4eb6-413c-bdb1-98f8031efe44 Belgium 58503c4e-50db-4535-8047-a1281eb56563 Germany 1ba0ef1c-547c-42d9-9f12-371d3c1c5607 Sweden ec79f593-22d5-4290-a2bc-984954c7352b Germany 56472f27-0c4f-4b83-8f60-f4a23f32ae7c France f4a2df8c-7712-424e-a830-de0de24df7de Poland 2826054a-9ecc-466f-b095-462e2e52a837 Czech Republic a40e9b82-5929-4090-a138-0f5704045b6c Poland a5e9fb65-78bd-490d-bdeb-163065ceb6a1 Denmark b38f44a1-9a50-47a7-b621-d5fdaeb7db68 Greece dec7912f-dd4f-4ff5-8e04-c3d1a5aefe4e Portugal c568d4c0-2e03-4d5b-80f1-b3b6f0313fab Poland ec79f593-22d5-4290-a2bc-984954c7352b Germany a40e9b82-5929-4090-a138-0f5704045b6c Poland b27b9b78-2b41-4fcd-9f67-d39cf2997bb9 Croatia c017fa0e-b2ca-477f-bfa2-f0f66292f6c1 Norway b38f44a1-9a50-47a7-b621-d5fdaeb7db68 Greece 1ea1c8b8-c9e2-41bb-8f87-b56b74aca622 France 6e64ad7c-bdda-443a-98dc-302ff55b086b Germany c6ecce88-d7e5-4071-bb01-f46f42f3540b Finland dec7912f-dd4f-4ff5-8e04-c3d1a5aefe4e Portugal 213c9dc8-faee-493d-a0f7-f49e31d04488 Netherlands b27b9b78-2b41-4fcd-9f67-d39cf2997bb9 Croatia 06c83beb-3f45-4205-a98c-5b7389309c50 Sweden 13df5ad5-36bc-42fe-b74d-1fd19b30d6e7 Germany 2fb2052a-d1ba-46a4-a450-4148523085a9 Hungary e081f0a5-8242-4180-9278-a94b806ee333 Germany 2826054a-9ecc-466f-b095-462e2e52a837 Czech Republic 213c9dc8-faee-493d-a0f7-f49e31d04488 Netherlands ae0166be-5840-4590-ae7e-c2599871c94c Bulgaria 2fb2052a-d1ba-46a4-a450-4148523085a9 Hungary 56472f27-0c4f-4b83-8f60-f4a23f32ae7c France b60c79a4-5079-4eba-babb-1a785e29109a Hungary b10f921e-68df-4a56-a1cc-e34876871d02 Spain 8e474c3d-8387-4132-b8b6-33ae15bc23d5 Estonia c568d4c0-2e03-4d5b-80f1-b3b6f0313fab Poland b60c79a4-5079-4eba-babb-1a785e29109a Hungary 8e474c3d-8387-4132-b8b6-33ae15bc23d5 Estonia 4f3b3ad7-f390-4e57-896f-67057e8ce04a Belgium b10f921e-68df-4a56-a1cc-e34876871d02 Spain 1ba0ef1c-547c-42d9-9f12-371d3c1c5607 Sweden f4a2df8c-7712-424e-a830-de0de24df7de Poland 1ea1c8b8-c9e2-41bb-8f87-b56b74aca622 France 06c83beb-3f45-4205-a98c-5b7389309c50 Sweden 13df5ad5-36bc-42fe-b74d-1fd19b30d6e7 Germany e081f0a5-8242-4180-9278-a94b806ee333 Germany

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	Z4VUELBD000A000000XX
EAN	8015644749743
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	384 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	56 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	63 kg
Package Level 1 EAN	8015644749743

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0171

Technical

Current Type	AC
Electrical Durability	Ue ≤ 440 V 8000 cycle Ue = 500 ... 690 V 8000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	425 W
Rated Current (I _n)	2500 A
Rated Impulse	acc. to IEC 60947-2 12 kV

Withstand Voltage (U_{imp})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) 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 Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}) 100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}) for 1 s 100 kA
for 3 s 75 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})

(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) 2500 ARated Voltage (U_r) 690 V

Recommended Screw Driver Main Circuit M12

Release Ekip Touch LI

Release Type EL

Short-Circuit Performance Level V

Standards IEC

Sub-type E4.2

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 9AKK106713A5545

UL Certificate No certification needed

VDE Certificate No certification needed

Mechanical Drawings 1SDH001001R0100

Wiring Diagram 1SDM000091R0001

Instructions and Manuals 1SDH001000R0002

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

