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 %

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Subject to change without notice

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 (IT)
Simplified SCIP	4f3b3ad7-f390-4e57-896f-67057e8ce04a Belgium (BE) fcf17e7d-4eb6-413c-bdb1-98f8031efe44 Belgium (BE) c017fa0e-b2ca-477f-bfa2-f0f66292f6c1 Norway (NO) 58503c4e-50db-4535-8047-a1281eb56563 Germany (DE) ae0166be-5840-4590-ae7e-c2599871c94c Bulgaria (BG) a5e9fb65-78bd-490d-bdeb-163065ceb6a1 Denmark (DK) 6e64ad7c-bdda-443a-98dc-302ff55b086b Germany (DE) c6ecce88-d7e5-4071-bb01-f46f42f3540b Finland (FI) fcf17e7d-4eb6-413c-bdb1-98f8031efe44 Belgium (BE) 58503c4e-50db-4535-8047-a1281eb56563 Germany (DE) 1ba0ef1c-547c-42d9-9f12-371d3c1c5607 Sweden (SE) ec79f593-22d5-4290-a2bc-984954c7352b Germany (DE) 56472f27-0c4f-4b83-8f60-f4a23f32ae7c France (FR) f4a2df8c-7712-424e-a830-de0de24df7de Poland (PL) 2826054a-9ecc-466f-b095-462e2e52a837 Czech Republic (CZ) a40e9b82-5929-4090-a138-0f5704045b6c Poland (PL) a5e9fb65-78bd-490d-bdeb-163065ceb6a1 Denmark (DK) b38f44a1-9a50-47a7-b621-d5fdaeb7db68 Greece (GR) dec7912f-dd4f-4ff5-8e04-c3d1a5aefe4e Portugal (PT) c568d4c0-2e03-4d5b-80f1-b3b6f0313fab Poland (PL) ec79f593-22d5-4290-a2bc-984954c7352b Germany (DE) a40e9b82-5929-4090-a138-0f5704045b6c Poland (PL) b27b9b78-2b41-4fcd-9f67-d39cf2997bb9 Croatia (HR) c017fa0e-b2ca-477f-bfa2-f0f66292f6c1 Norway (NO) b38f44a1-9a50-47a7-b621-d5fdaeb7db68 Greece (GR) 1ea1c8b8-c9e2-41bb-8f87-b56b74aca622 France (FR) 6e64ad7c-bdda-443a-98dc-302ff55b086b Germany (DE) c6ecce88-d7e5-4071-bb01-f46f42f3540b Finland (FI) dec7912f-dd4f-4ff5-8e04-c3d1a5aefe4e Portugal (PT) 213c9dc8-faee-493d-a0f7-f49e31d04488 Netherlands (NL) b27b9b78-2b41-4fcd-9f67-d39cf2997bb9 Croatia (HR) 06c83beb-3f45-4205-a98c-5b7389309c50 Sweden (SE) 13df5ad5-36bc-42fe-b74d-1fd19b30d6e7 Germany (DE) 2fb2052a-d1ba-46a4-a450-4148523085a9 Hungary (HU) e081f0a5-8242-4180-9278-a94b806ee333 Germany (DE) 2826054a-9ecc-466f-b095-462e2e52a837 Czech Republic (CZ) 213c9dc8-faee-493d-a0f7-f49e31d04488 Netherlands (NL) ae0166be-5840-4590-ae7e-c2599871c94c Bulgaria (BG) 2fb2052a-d1ba-46a4-a450-4148523085a9 Hungary (HU) 56472f27-0c4f-4b83-8f60-f4a23f32ae7c France (FR) b60c79a4-5079-4eba-babb-1a785e29109a Hungary (HU) b10f921e-68df-4a56-a1cc-e34876871d02 Spain (ES) 8e474c3d-8387-4132-b8b6-33ae15bc23d5 Estonia (EE) c568d4c0-2e03-4d5b-80f1-b3b6f0313fab Poland (PL) b60c79a4-5079-4eba-babb-1a785e29109a Hungary (HU) 8e474c3d-8387-4132-b8b6-33ae15bc23d5 Estonia (EE) 4f3b3ad7-f390-4e57-896f-67057e8ce04a Belgium (BE) b10f921e-68df-4a56-a1cc-e34876871d02 Spain (ES) 1ba0ef1c-547c-42d9-9f12-371d3c1c5607 Sweden (SE) f4a2df8c-7712-424e-a830-de0de24df7de Poland (PL) 1ea1c8b8-c9e2-41bb-8f87-b56b74aca622 France (FR) 06c83beb-3f45-4205-a98c-5b7389309c50 Sweden (SE) 13df5ad5-36bc-42fe-b74d-1fd19b30d6e7 Germany (DE) e081f0a5-8242-4180-9278-a94b806ee333 Germany (DE)

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Environmental

Environmental Information	9AKK108467A6707

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

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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 Icu (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 A
Rated 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

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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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