PRODUCT-DETAILS

E4.2V 4000 Ekip Touch LSI 4p F HR

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General Information

Extended Product Type	E4.2V 4000 Ekip Touch LSI 4p F HR
Product ID	1SDA071855R1
EAN	8015644757052
Catalog Description	E4.2V 4000 Ekip Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 4000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910

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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Subject to change without notice

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	5ef717b3-f7cc-42e7-8680-1cf3d1b1664e Italy (IT)
Simplified SCIP	3d828b6a-9392-4203-b66e-085cfce5c027 Germany (DE) fa9ec37c-b990-4664-a4de-d22ec9e1ec69 Estonia (EE) 7dc6eab2-c582-4a60-9fa0-967b284fdfd2 Greece (GR) 93a98d65-ac1b-4222-802d-acefb9aa131d Portugal (PT) 4271e422-1a8d-493b-a6f1-30cc5733bf0e Bulgaria (BG) 26548a91-3365-4ee0-b761-56dce3c9e5c3 Poland (PL) 93f8f2ae-83ac-4369-9153-2f02c5e17416 Sweden (SE) c3cd69ba-1dc2-4c5a-9f73-fbbf5ec22196 Denmark (DK) c19b11e4-9e6c-43ff-a289-0f7aebcb3663 Croatia (HR) ac06da68-c5d0-4549-a113-b647a56215e8 Norway (NO) ea679fcd-7769-4ecb-8aa7-83c1fd2cfadb Poland (PL) 1cf285f5-a78a-40f2-910a-47cded83f653 France (FR) 37ef0521-94aa-475d-8159-a255130edbf5 Germany (DE) 9fd271dc-da53-438d-96c1-2264b99b679a Hungary (HU) 3a141d85-85e1-44a9-9ca3-25ad4440d779 Belgium (BE) e72bdf9f-8240-47e3-9202-327db520e0b2 France (FR) 34ae5140-15c7-41df-b84c-d69804783dfa Sweden (SE) fa86ef55-da66-42fd-a93d-a8978b70e868 Finland (FI) 7343911c-00f1-4caf-b927-a1f1ce056e8d Belgium (BE) 1cd4aa23-d9ae-4e95-b7dc-de9bf6b652c9 Czech Republic (CZ) 466351d6-b7b6-43f7-aa6f-4a5266a90615 Germany (DE) 92f27b2a-78df-448f-8b16-5c5aff1301c2 Poland (PL) d3104140-4497-4574-b9b4-85ad602c3e15 Germany (DE) 71a3dab6-6f15-4a6c-945e-88771bcba924 Netherlands (NL) c46b2da0-d2aa-4d73-be84-54fd85b46bef Hungary (HU) c2917696-e84a-4cad-b5a3-1e95a56881ab Germany (DE) c15f585c-04d3-493c-a1c0-c8e527e99ba6 Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCVWERBE000A000000XX
EAN	8015644757052
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
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	8015644757052

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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	1SDH001252R0197

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability	15000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	465 W
Rated Current (I_n)	4000 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) 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)	4000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LSI
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

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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	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 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
Object Classification Code	Q
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



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