PRODUCT-DETAILS

E4.2V 2500 Ekip Touch LSIG 4p F HR

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General Information

Extended Product Type	E4.2V 2500 Ekip Touch LSIG 4p F HR
Product ID	1SDA071756R1
EAN	8015644756062
Catalog Description	E4.2V 2500 Ekip Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 2500 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 2500 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	f8f7f17a-7e7f-4fb4-8365-6fa872e003e5 Italy (IT)
Simplified SCIP	395e36d2-aba0-41e1-b0c7-2ba044005733 Germany (DE) 28199976-bda2-4999-82b2-69d8a352d6eb Greece (GR) d84b9f6e-5748-4e4d-8b48-331245234c79 Estonia (EE) 918bdfb1-b9e0-4c80-8d37-d752ecf72376 Bulgaria (BG) 4b58c1ee-419f-4c1a-aaa0-82cee0a1b830 Portugal (PT) 782cffab-0999-4d42-9991-9a3d79629fa0 Poland (PL) 35514a2c-6db6-493b-be77-22839c875b8b Sweden (SE) 7ac01dca-809b-425f-9b92-b263586b735a Denmark (DK) d1c0d5c6-8167-4bec-a94d-3af799084d1b Germany (DE) 15c2ca8f-6b2b-4b03-bd20-d2f525753e1e Croatia (HR) 6bacba3e-d384-4657-a1b5-7649fa4df829 Norway (NO) bafc8ea9-2f93-49e6-b96d-a6c21e38d2b2 Poland (PL) 45d56828-0611-4cc3-8063-784e492a5c7b France (FR) 32f19d02-a87a-4418-b773-5248d1ba64de Hungary (HU) d039a5a0-ee90-4509-a195-76fce065d07a Belgium (BE) 1c64b801-c174-4f26-8cf3-50382432cee2 Sweden (SE) 73cb433b-043f-4a20-9574-f42154ba783b Belgium (BE) b8ae8d85-70bc-4189-a7e9-986e5a6ee5af Finland (FI) ab3b2778-5342-4ec9-8b4a-61970a64485a Czech Republic (CZ) 9c96a928-b578-4193-bb53-4391fae62fcb Germany (DE) a98f7344-9872-44f2-9d5f-1669654d4b9e Germany (DE) 74e8d755-bec0-47a3-a1ce-2c930b8c22a4 Poland (PL) ab9313fd-ab5b-4cb5-810b-794446ddd18e France (FR) 3de708b0-4efc-4021-b8ec-7637ce015023 Spain (ES) 16484289-3ffd-4478-a634-27067a68f542 Hungary (HU) 5c15b4ed-4e04-4bf5-8bd7-0809702b1ff0 Germany (DE) 1dc38d85-2dde-4f82-a350-f53fdef5d30f Netherlands (NL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCVUELBF000A000000XX
EAN	8015644756062
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	8015644756062

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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 8000 cycle Ue = 500 ... 690 V 8000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	425 W
Rated Current (I_n)	2500 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)	2500 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LSIG
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
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



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