PRODUCT-DETAILS

E4.2V 3200 Ekip Touch LSIG 3p F HR

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General Information

Extended Product Type	E4.2V 3200 Ekip Touch LSIG 3p F HR
Product ID	1SDA071176R1
EAN	8015644750268
Catalog Description	E4.2V 3200 Ekip Touch LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 3200 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 3200 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

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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	0495185d-eae4-4558-8ee4-e472df76de13 Italy (IT)
Simplified SCIP	a78d2800-a3fe-422a-8ab4-94f1fe128201 Germany (DE) 8faa276a-989a-47f2-b147-3c7a3a4d15ae Germany (DE) 93b897a4-108e-4373-a56a-680b76c43559 Bulgaria (BG) 0469dd29-4ebd-49e9-8ec7-aad2c9a1fa95 Germany (DE) d6ee42a5-764d-496b-b54c-2aa636b44d0b Germany (DE) 2a78f008-ab52-48a9-9ebf-82b0a1e172c7 France (FR) efd524f4-1dbf-4a1c-b734-2b0d8f5c7306 Croatia (HR) 034887a5-10f3-443c-91bd-76e36968b386 Spain (ES) cef958ea-ddb5-458b-9dab-2974d8a5e977 Belgium (BE) 06e1cbe2-8a3e-415e-8d38-6eb89298122a Poland (PL) f4c74e90-42bd-4ffe-bd48-a3b9c9e836a0 Poland (PL) 10762746-a006-449c-adef-0a0171b240d6 Czech Republic (CZ) ab8140bc-ce60-4ee0-8838-e18de8c338dd Sweden (SE) 58ec1b49-10d1-4129-a93c-7a68faf7e897 Portugal (PT) e1e56f06-7f20-4afa-86f4-f3bb4a0fcd96 Hungary (HU) 7af288be-f7a5-48cc-acc1-17adfcdd49d2 Hungary (HU) 5ddc3f95-e9e1-46c5-9fae-48bd9e525c17 Poland (PL) 923827ba-03e3-48e9-8d19-0910a6a7418f Norway (NO) 4018609f-1217-44b5-a6c3-29a46151f5ec Sweden (SE) 611d3db3-171f-4539-a718-049b29d70750 Belgium (BE) aec8a415-4af6-4dba-8750-4347bf72651c Estonia (EE) 9c90e0b2-4fd0-4cbc-af4f-4d734f38cd0e Netherlands (NL) eda19fac-d691-443a-82a4-6b646418b5f4 France (FR) 7f92b99f-061a-49cf-851b-2e6e6651f2a3 Greece (GR) 7994be19-3bf2-4314-8703-77d1f3fd337f Finland (FI) 49ee0786-8596-459b-928b-dc126d38904a Denmark (DK) 19522dfb-2e44-4d3c-8384-cb0e20b50f2f Germany (DE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z4VVENBF000A000000XX
EAN	8015644750268
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

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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	8015644750268

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 7000 cycle Ue = 500 ... 690 V 7000 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)	3200 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)	3200 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
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

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	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

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Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2



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