PRODUCT-DETAILS

E4.2H 4000 Ekip G Hi-Touch LSIG 3p F HR

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General Information

Extended Product Type	E4.2H 4000 Ekip G Hi-Touch LSIG 3p F HR
Product ID	1SDA071220R1
EAN	8015644750701
Catalog Description	E4.2H 4000 Ekip G Hi-Touch LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2H 4000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/G/HI-TOUCH-LSIG 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

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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	048da8dd-54a6-4100-8b89-96e39950fb95 Italy (IT)
Simplified SCIP	abbb2853-9b95-4770-aa17-268d2ecc53ce Germany (DE) 35e532da-006a-4773-ae5e-56ab54529a18 Belgium (BE) dc92e9ab-8aff-41a8-81ef-f77db491f1bf Poland (PL) 1790c6de-c051-45e0-9bc6-1aa0c1093938 Sweden (SE) 559d6e23-2d59-46ae-b3da-a7ccdb5f0460 Poland (PL) 4abbc6ca-0a8b-49d2-87c3-9ea480a09cad France (FR) 84fa3955-272c-4323-bad3-d17901c713da Germany (DE) 63ec3679-06ab-4909-8d17-e74db8c1b172 Croatia (HR) f2367f8f-f5da-419a-9339-1275f762962f Norway (NO) cbd1cb8f-ea9c-417e-b483-11fdbe7935e0 Finland (FI) b7cb565c-d051-4e53-8c87-d8593584c1b0 Spain (ES) 83da974d-8305-45d1-b94c-6e8697df7027 Hungary (HU) 5a6b2f00-1e6a-494a-bee0-0e0f79b03c9c Germany (DE) c6efe789-26e0-4b72-b0ef-ac31b9ee76c3 Germany (DE) 219fa461-62f4-46c4-b2d2-b413e082b42f Germany (DE) 6fb0cbaf-98ac-48a3-bc0a-bd2876d23431 France (FR) 9e7b0e5e-a108-438e-a719-8a898e218f90 Netherlands (NL) 3c6906f4-c468-44af-8766-ca9ef8c96b0d Poland (PL) f035c3af-2770-44b2-8ae2-8400259de2d0 Sweden (SE) 30c2b425-e574-4254-8541-c897f300a1a2 Belgium (BE) c38a2ccd-9211-4a88-8312-5736e2f86464 Czech Republic (CZ) f0ba1cc8-18b8-4fa5-a170-64c767a58e42 Denmark (DK) e827fd8e-4b20-428b-a86a-f72f1769991d Bulgaria (BG) 7e782f10-1858-4c4e-8552-5cd7f78d58b4 Portugal (PT) 429c1169-3a64-4278-a448-f6b63e64792a Estonia (EE) a402829b-7f1a-4c4a-ba89-2c74153620d3 Greece (GR) 15f6d6a0-579d-4ccb-99e3-6e37b072fb2b Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z4HWERBQ200A000000XX
EAN	8015644750701
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	8015644750701

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F

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
Number of Poles	3P
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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 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 85 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u)	4000 A
Rated Voltage (U_r)	690 V
Release	Ekip G Hi-Touch LSIG
Release Type	EL

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Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E4.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal

Certificates and Declarations

Data Sheet, Technical Information	1SDC200023D0209
Declaration of Conformity - CE	9AKK106713A5545
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

Categories

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

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