



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

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.3 %
Principles Recyclability Rate	
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)	
End of Life Instructions	9AKK108468A2363
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1904
	9AKK108468A1910

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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-b483-11fdb7935e0 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)

Ordering

Order Code US and Canada	Z4HWERBQ200A000000XX
EAN	8015644750701
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	384 mm
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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	8015644750701

Additional Information

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	3
Power Loss	465 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of I _{cs}	100 %
Rated Current (I _n)	4000 A
Rated Voltage (U _r)	690 V
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 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	4000 A

Current (I _u)	
Release	Ekip G Hi-Touch LSiG
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E4.2
Terminal Connection Type	Rear flat Horizontal
Version	F

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 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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

