PRODUCT-DETAILS

E4.2S 4000 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E4.2S 4000 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071838R1
EAN	8015644756888
Catalog Description	E4.2S 4000 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2S 4000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-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

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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	ae75641b-53bc-49c1-92ff-e0db06e92b62 Italy (IT)
Simplified SCIP	cfe9344f-beb6-490b-9a87-83bc0f626899 Netherlands (NL) f07568a9-ae46-49f7-8c58-f5eba4bdbac9 Germany (DE) c1739d35-80cc-4cad-b0c2-9702186c41b0 Poland (PL) 516f00dd-0822-4057-ba2b-3cc4567b9eb3 Sweden (SE) 9309a8f6-2dbe-42c9-bbaf-deea417452a7 Sweden (SE) e7808997-4360-453f-b201-ff571f8341ed France (FR) b04e3000-8202-4689-882c-e7eb450dae6d Germany (DE) 4adc8aca-d0e1-48a2-bcf1-1119fab814df Germany (DE) df18e1d7-9909-4d32-8c0d-dca6d2bf5aa4 Spain (ES) f25823ac-1c6a-47f8-be27-a72e4fe6cbc2 Belgium (BE) d765210f-30d1-4f57-9e8b-c49df45a5100 Hungary (HU) 328b0f03-7a9e-45eb-ac83-b0836025e129 Estonia (EE) a0620c84-c974-4145-95a1-83a403bc35ef Poland (PL) 8aaa4a29-66a1-4bf3-ad0e-6bf2850b4de1 France (FR) a6cd0ab6-8add-4d19-836c-473dcade3907 Bulgaria (BG) 1ab34eab-3f9f-4210-a9c6-89979354f8f9 Hungary (HU) 328b0f03-7a9e-45eb-ac83-b0836025e129 Estonia (EE) 60158ec7-0ed2-498f-9814-0626f83958dc Greece (GR) 1eb5f25c-e244-456a-9264-705637081855 Poland (PL) 6cee4426-a8e7-4fa9-8060-84b6886ccd7b Portugal (PT) a0620c84-c974-4145-95a1-83a403bc35ef Poland (PL) c5efe063-a5a8-4cde-8978-9c3d228abd80 Belgium (BE) 516f00dd-0822-4057-ba2b-3cc4567b9eb3 Sweden (SE) 3e34cdbe-d7c2-41e4-a3df-a0e3ac5f4b9d Germany (DE) c1739d35-80cc-4cad-b0c2-9702186c41b0 Poland (PL) b143feed-8321-443e-ae81-7d71f95a9601 Czech Republic (CZ) 29335464-3905-426d-aca9-b210d437e72f Germany (DE) 1eb5f25c-e244-456a-9264-705637081855 Poland (PL) 909716be-25f3-4644-a77d-01bf1d561d35 Denmark (DK) f07568a9-ae46-49f7-8c58-f5eba4bdbac9 Germany (DE) 7c43993e-1cf7-496c-a184-fbc4d46afcdf Finland (FI) 909716be-25f3-4644-a77d-01bf1d561d35 Denmark (DK) a6cd0ab6-8add-4d19-836c-473dcade3907 Bulgaria (BG) 3e34cdbe-d7c2-41e4-a3df-a0e3ac5f4b9d Germany (DE) 2fd48a53-8ef7-45fc-91c4-86238d80f0f4 Norway (NO) f25823ac-1c6a-47f8-be27-a72e4fe6cbc2 Belgium (BE) c5efe063-a5a8-4cde-8978-9c3d228abd80 Belgium (BE) d765210f-30d1-4f57-9e8b-c49df45a5100 Hungary (HU) 8aaa4a29-66a1-4bf3-ad0e-6bf2850b4de1 France (FR) df18e1d7-9909-4d32-8c0d-dca6d2bf5aa4 Spain (ES) b04e3000-8202-4689-882c-e7eb450dae6d Germany (DE) b143feed-8321-443e-ae81-7d71f95a9601 Czech Republic (CZ) cfe9344f-beb6-490b-9a87-83bc0f626899 Netherlands (NL) 60158ec7-0ed2-498f-9814-0626f83958dc Greece (GR) 2fd48a53-8ef7-45fc-91c4-86238d80f0f4 Norway (NO) e7808997-4360-453f-b201-ff571f8341ed France (FR) 04235a7a-5b51-43d5-bf9a-2b954cbf1ea4 Croatia (HR) 29335464-3905-426d-aca9-b210d437e72f Germany (DE) 04235a7a-5b51-43d5-bf9a-2b954cbf1ea4 Croatia (HR) 9309a8f6-2dbe-42c9-bbaf-deea417452a7 Sweden (SE) 4adc8aca-d0e1-48a2-bcf1-1119fab814df Germany (DE) 1ab34eab-3f9f-4210-a9c6-89979354f8f9 Hungary (HU) 7c43993e-1cf7-496c-a184-fbc4d46afcdf Finland (FI) 6cee4426-a8e7-4fa9-8060-84b6886ccd7b Portugal (PT)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZCSWERBJ200A000000XX
EAN	8015644756888
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	8015644756888

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	690 V AC

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Voltage	
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	4000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	S
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

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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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