PRODUCT-DETAILS

E6.2H/f 6300 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E6.2H/f 6300 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA072018R1
EAN	8015644758684
Catalog Description	E6.2H/f 6300 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E6.2H/f 6300 FIXED FOUR-POLE FULL SIZE NEUTRAL WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 6300 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1905 9AKK108468A1913

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	92ef2205-7fe3-41c6-80a2-fed8d83eae50 Italy (IT)
Simplified SCIP	5aaffdd1-495d-4b57-b659-83fe29149040 Norway (NO) cfb20a2b-b528-43d6-a141-b7746759a653 Croatia (HR) d7dd02ba-fdb6-43eb-ba3a-0ee4ff83dc8d France (FR) 2f208837-c172-491e-87dd-912f9a85e7bf Greece (GR) 368d0acb-27d8-4e5b-a82e-a544b4acd454 Germany (DE) 50fd6925-0e5e-4e80-9d1a-178e054bbf8c Finland (FI) d6b415d4-6ef5-4188-abff-73f455d8825b Netherlands (NL) cfb20a2b-b528-43d6-a141-b7746759a653 Croatia (HR) fcdb82e1-b890-4924-8193-c89e67c9c728 Sweden (SE) a240e8aa-e868-49b0-9be1-ee0ad413d55f Portugal (PT) 0d8ae4ef-2b44-445f-9e09-381859bffc3a Germany (DE) 8cabf2c7-ba80-4d86-8ca8-c5f978f20798 Germany (DE) 82579c63-afb5-407c-8711-0cc892cfaad7 Hungary (HU) 7d035df6-4b25-49cf-9e69-fb6edb62dc78 Germany (DE) 23fba348-c975-4325-9b47-4755e40e35ac Poland (PL) 2f208837-c172-491e-87dd-912f9a85e7bf Greece (GR) 51e8f8aa-48c8-4100-bd27-e0e6c0556a8d Poland (PL) a240e8aa-e868-49b0-9be1-ee0ad413d55f Portugal (PT) 8ab432f7-dc0d-44d0-b58d-c98ce2896b13 France (FR) 0d8ae4ef-2b44-445f-9e09-381859bffc3a Germany (DE) 196a2e56-3b10-4842-9870-1ab2d7f3b0cc Spain (ES) 94b8b763-718b-4be6-8e45-f9aed390fe78 Hungary (HU) fcdb82e1-b890-4924-8193-c89e67c9c728 Sweden (SE) d7dd02ba-fdb6-43eb-ba3a-0ee4ff83dc8d France (FR) 8cabf2c7-ba80-4d86-8ca8-c5f978f20798 Germany (DE) 5b2bedc3-63c7-427c-b3de-5b98973aea1a Poland (PL) 36e8019c-af5b-460f-ab71-44fa490e6484 Sweden (SE) 196a2e56-3b10-4842-9870-1ab2d7f3b0cc Spain (ES) 03426e77-48d7-4c6b-9f72-a3947400a690 Estonia (EE) 897c83f0-05e1-4f14-b125-3743b9536d70 Belgium (BE) 94b8b763-718b-4be6-8e45-f9aed390fe78 Hungary (HU) 51e8f8aa-48c8-4100-bd27-e0e6c0556a8d Poland (PL) 8ab432f7-dc0d-44d0-b58d-c98ce2896b13 France (FR) 03426e77-48d7-4c6b-9f72-a3947400a690 Estonia (EE) 82579c63-afb5-407c-8711-0cc892cfaad7 Hungary (HU) 187c064a-4ed8-4ca1-be68-e80f57956383 Bulgaria (BG) 30d1f872-32f2-4358-b8f9-3785f8d623b8 Czech Republic (CZ) d6b415d4-6ef5-4188-abff-73f455d8825b Netherlands (NL) 972c5789-999a-422b-a78c-393e4353f767 Belgium (BE) 50fd6925-0e5e-4e80-9d1a-178e054bbf8c Finland (FI) 36e8019c-af5b-460f-ab71-44fa490e6484 Sweden (SE) 7d035df6-4b25-49cf-9e69-fb6edb62dc78 Germany (DE) 859a3535-af14-49c3-b929-85e760d6b80e Germany (DE) 9ad71b4c-189e-4281-8d67-0a355bf49589 Denmark (DK) 5b2bedc3-63c7-427c-b3de-5b98973aea1a Poland (PL) 30d1f872-32f2-4358-b8f9-3785f8d623b8 Czech Republic (CZ) 23fba348-c975-4325-9b47-4755e40e35ac Poland (PL) 368d0acb-27d8-4e5b-a82e-a544b4acd454 Germany (DE) 9ad71b4c-189e-4281-8d67-0a355bf49589 Denmark (DK) 187c064a-4ed8-4ca1-be68-e80f57956383 Bulgaria (BG) 5aaffdd1-495d-4b57-b659-83fe29149040 Norway (NO) 859a3535-af14-49c3-b929-85e760d6b80e Germany (DE) 897c83f0-05e1-4f14-b125-3743b9536d70 Belgium (BE) 972c5789-999a-422b-a78c-393e4353f767 Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZEHYETBJ000A000000XX
EAN	8015644758684
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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Dimensions

Product Net Width	1014 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	140 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	1257 mm
Package Level 1 Gross Weight	151 kg
Package Level 1 EAN	8015644758684

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0250

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 2000 cycle Ue = 500 ... 690 V 2000 cycle 10 cycles per hour
Mechanical Durability	12000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4 / f
Power Loss	767 W
Rated Current (I_n)	6300 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) 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 100 kA

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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) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	6300 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	H
Standards	IEC
Sub-type	E6.2
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	9AKK106713A5544
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001060R0102
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
Object Classification Code	Q
WEEE Category	4. Large Equipment (Any 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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