PRODUCT-DETAILS

E2.2H 1250 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type	E2.2H 1250 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071609R1
EAN	8015644754594
Catalog Description	E2.2H 1250 Ekip Hi-Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 1250 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1250 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909

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	c4a3326f-1da7-42ce-889a-93201f9ca8fa Italy (IT)
Simplified SCIP	c4be3961-2591-41c4-b0b2-f6560809427d France (FR) eb5bc04d-1708-44ec-b805-1032f7493e91 Sweden (SE) f0d5373a-9b31-4467-8f62-95b9995754d7 Poland (PL) 170479ab-68e6-45a9-a29c-e3c86184830b Belgium (BE) bef5562d-c307-4314-ade5-cb774f040bf6 Norway (NO) a798c37a-4587-418c-aeb0-b6faf70589ca Germany (DE) cafd8d36-c28c-4b4e-9124-92f09cc8f3a6 Germany (DE) 5b6d95e7-faa2-43f5-aa11-925a4cf62b25 Finland (FI) 836eb208-1f2f-42cd-9754-4f0de899fc3d Bulgaria (BG) 1a756ad4-d278-4cd8-a54e-d2a9e88931d0 Denmark (DK) b474cf3b-fa2f-4e82-af91-822b2139257f Croatia (HR) bef5562d-c307-4314-ade5-cb774f040bf6 Norway (NO) 0459696e-89d3-4329-ae8b-8f7e56d867ce Germany (DE) 1a756ad4-d278-4cd8-a54e-d2a9e88931d0 Denmark (DK) d899b368-281d-450b-aa9f-a078b6c3a2f6 Hungary (HU) 8c036568-96c7-45e4-8225-1dc765a3b7fe Poland (PL) a11cb447-a635-4fbc-8976-ce3ab2aafc99 Czech Republic (CZ) 0459696e-89d3-4329-ae8b-8f7e56d867ce Germany (DE) f0d5373a-9b31-4467-8f62-95b9995754d7 Poland (PL) eb5bc04d-1708-44ec-b805-1032f7493e91 Sweden (SE) a798c37a-4587-418c-aeb0-b6faf70589ca Germany (DE) 170479ab-68e6-45a9-a29c-e3c86184830b Belgium (BE) 90e1df21-e329-408d-b48c-20eacc0445fc Portugal (PT) e85f3a2a-6485-4204-9262-1da87e1f6e56 Poland (PL) a49d9755-c194-4c17-9c59-da091221898c Belgium (BE) a10ef32d-cd96-4c31-ad8f-b45f65e53fc9 Netherlands (NL) 8c036568-96c7-45e4-8225-1dc765a3b7fe Poland (PL) 69dcf4d8-600f-4a5f-aa64-2b4c7f98687a Greece (GR) fc8c958a-29da-446c-a321-8f99de67773e Hungary (HU) 491b806c-4d72-4512-b2bb-1705ec5fb0ae Germany (DE) 129f9cb3-c9a3-42cf-9d32-b966a6dbfa2f Germany (DE) a11cb447-a635-4fbc-8976-ce3ab2aafc99 Czech Republic (CZ) 836eb208-1f2f-42cd-9754-4f0de899fc3d Bulgaria (BG) 69dcf4d8-600f-4a5f-aa64-2b4c7f98687a Greece (GR) cafd8d36-c28c-4b4e-9124-92f09cc8f3a6 Germany (DE) 90e1df21-e329-408d-b48c-20eacc0445fc Portugal (PT) 5b6d95e7-faa2-43f5-aa11-925a4cf62b25 Finland (FI) c4be3961-2591-41c4-b0b2-f6560809427d France (FR) 9c1ec528-ff87-4e37-b797-97821bd38846 Sweden (SE) a10ef32d-cd96-4c31-ad8f-b45f65e53fc9 Netherlands (NL) b474cf3b-fa2f-4e82-af91-822b2139257f Croatia (HR) 23538cf4-40cf-4259-a268-939d252b825b Spain (ES) a49d9755-c194-4c17-9c59-da091221898c Belgium (BE) d899b368-281d-450b-aa9f-a078b6c3a2f6 Hungary (HU) 4e9c3d25-6d3d-4de7-b0bc-d7c901ba8785 Estonia (EE) 23538cf4-40cf-4259-a268-939d252b825b Spain (ES) 743a253d-3206-4ad4-8384-90942ff763a2 France (FR) e85f3a2a-6485-4204-9262-1da87e1f6e56 Poland (PL) fc8c958a-29da-446c-a321-8f99de67773e Hungary (HU) 4e9c3d25-6d3d-4de7-b0bc-d7c901ba8785 Estonia (EE) 491b806c-4d72-4512-b2bb-1705ec5fb0ae Germany (DE) 129f9cb3-c9a3-42cf-9d32-b966a6dbfa2f Germany (DE) 9c1ec528-ff87-4e37-b797-97821bd38846 Sweden (SE) 743a253d-3206-4ad4-8384-90942ff763a2 France (FR)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZBHREHBK200A000000XX
EAN	8015644754594
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 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	58 kg
Package Level 1 EAN	8015644754594

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	83 W
Rated Current (I_n)	1250 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) 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 66 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)	1250 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E2.2
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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
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
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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