PRODUCT-DETAILS

E2.2B 1600 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E2.2B 1600 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071618R1
EAN	8015644754686
Catalog Description	E2.2B 1600 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2B 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1600 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	cd6af88c-9d53-488c-a714-683bf3c3ecbb Italy (IT)
Simplified SCIP	7358cd6b-2e73-415f-9e6a-7acef1f019c1 Germany (DE) 8241fc60-1c1a-4779-a755-4f86f83c22a9 France (FR) afb7920d-5501-48fd-a400-0ffe9b6f93a7 Netherlands (NL) 961cac80-f7f4-46c3-ac5c-b01f93f797eb Poland (PL) 2ec053e0-2ce1-41e0-b055-a34ab02965d2 Poland (PL) 84a2a33f-970f-4147-8e8c-56367a62c648 Portugal (PT) a1137c25-c126-423e-9ae7-327bcbcbd72b Greece (GR) c9048563-b27e-4526-bf47-af94fe2adf62 Poland (PL) 8241fc60-1c1a-4779-a755-4f86f83c22a9 France (FR) 530e428c-cc47-4d07-ba8b-44ec435b6ce1 Sweden (SE) 0d9bb7ee-0ca8-4395-b6de-c39c7a38ab0e Sweden (SE) 059b1b03-d5ab-46a3-bc58-6c55e53b82f6 Estonia (EE) 1287f8d5-4ddf-408d-8c65-4b14b4672f74 Spain (ES) 95bfa713-66b9-495b-9c18-0167548f12ce Czech Republic (CZ) d899f526-66fa-4e5d-bad2-4df3dc656880 Hungary (HU) 059b1b03-d5ab-46a3-bc58-6c55e53b82f6 Estonia (EE) 7de391bc-dada-4021-bfdf-96e791a4099f France (FR) 2ec053e0-2ce1-41e0-b055-a34ab02965d2 Poland (PL) 35cd7d33-e1ac-4758-93b1-3e72d3bde527 Belgium (BE) 7de391bc-dada-4021-bfdf-96e791a4099f France (FR) 87c3679d-abaf-428c-8026-81a372bdf8d2 Hungary (HU) 1287f8d5-4ddf-408d-8c65-4b14b4672f74 Spain (ES) bc0cc0c8-4ed3-46f2-ba0e-088e3b4d66b0 Germany (DE) c4ccf375-a8bf-4a03-90c2-03c5f00a0770 Germany (DE) 85194d8d-fad9-42d5-b446-22bd50e86cbd Denmark (DK) f8dd6e02-dee2-4e4b-abee-4fcaf6e0a767 Norway (NO) 77af63ef-e5f6-462d-a010-05236568473b Germany (DE) 35291801-09e0-406c-87f9-4b521bbd23c2 Bulgaria (BG) 35cd7d33-e1ac-4758-93b1-3e72d3bde527 Belgium (BE) dfe2af29-50a8-44ab-9b16-79792307f817 Belgium (BE) 961cac80-f7f4-46c3-ac5c-b01f93f797eb Poland (PL) c9048563-b27e-4526-bf47-af94fe2adf62 Poland (PL) d965dd3e-4a10-4ef8-9976-85486e2d3f33 Germany (DE) 77af63ef-e5f6-462d-a010-05236568473b Germany (DE) dfe2af29-50a8-44ab-9b16-79792307f817 Belgium (BE) 9ca8c00a-6991-4f68-a832-7a2721661611 Croatia (HR) c24eb7eb-e65c-4dec-91bf-8ca00da2ba9b Finland (FI) 7358cd6b-2e73-415f-9e6a-7acef1f019c1 Germany (DE) 0d9bb7ee-0ca8-4395-b6de-c39c7a38ab0e Sweden (SE) d899f526-66fa-4e5d-bad2-4df3dc656880 Hungary (HU) bc0cc0c8-4ed3-46f2-ba0e-088e3b4d66b0 Germany (DE) 9ca8c00a-6991-4f68-a832-7a2721661611 Croatia (HR) 530e428c-cc47-4d07-ba8b-44ec435b6ce1 Sweden (SE) c4ccf375-a8bf-4a03-90c2-03c5f00a0770 Germany (DE) afb7920d-5501-48fd-a400-0ffe9b6f93a7 Netherlands (NL) 35291801-09e0-406c-87f9-4b521bbd23c2 Bulgaria (BG) a1137c25-c126-423e-9ae7-327bcbcbd72b Greece (GR) f8dd6e02-dee2-4e4b-abee-4fcaf6e0a767 Norway (NO) d965dd3e-4a10-4ef8-9976-85486e2d3f33 Germany (DE) 87c3679d-abaf-428c-8026-81a372bdf8d2 Hungary (HU) 85194d8d-fad9-42d5-b446-22bd50e86cbd Denmark (DK) 95bfa713-66b9-495b-9c18-0167548f12ce Czech Republic (CZ) c24eb7eb-e65c-4dec-91bf-8ca00da2ba9b Finland (FI) 84a2a33f-970f-4147-8e8c-56367a62c648 Portugal (PT)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZBBSEJBJ200A000000XX
EAN	8015644754686
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	8015644754686

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 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	136 W
Rated Current (I_n)	1600 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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1600 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	B
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

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection

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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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