PRODUCT-DETAILS

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

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General Information

Extended Product Type	E2.2B 1600 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071619R1
EAN	8015644754693
Catalog Description	E2.2B 1600 Ekip Hi-Touch LSIG 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-LSIG 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	7725ffe1-32bf-4c3c-8581-30cb46978d54 Italy (IT)
Simplified SCIP	19c1dae4-d3a2-4c07-9e25-6ba6780e58f6 Sweden (SE) 602d780b-99db-4cb7-94e7-2c6808efe8ed Germany (DE) f5ab362c-ecb3-4d33-915f-50c925baa547 Finland (FI) 69f4ef76-6b4c-499a-aa54-8ded261fecfb Denmark (DK) d08b5f6f-bbf5-4a7a-967d-e9b21fca228f Belgium (BE) 1c4a636a-1ea9-4361-9fde-20396d0cd212 Norway (NO) e867845f-eebf-4b65-a770-79806e8447b3 Bulgaria (BG) a0f1e281-a39f-45b2-a43d-f18b72c5b3c2 Germany (DE) a89dfeeb-59e9-4190-9bba-92b2a8aa19ed Germany (DE) b039ecb2-8262-4741-92b2-0e0d5fb7ef8a Poland (PL) c3eb32b4-23bb-45bc-ab39-e90c7599ff1e Poland (PL) 0f46b64e-b349-4ff9-bba0-79210e5a5e1c Greece (GR) 69f4ef76-6b4c-499a-aa54-8ded261fecfb Denmark (DK) 9f7d8e91-1309-4ec9-b41c-029bb82a7b9d Hungary (HU) d08b5f6f-bbf5-4a7a-967d-e9b21fca228f Belgium (BE) 26785f64-ad42-4577-b491-93551a28fc7a Croatia (HR) a0f1e281-a39f-45b2-a43d-f18b72c5b3c2 Germany (DE) a89dfeeb-59e9-4190-9bba-92b2a8aa19ed Germany (DE) a546dc6f-6ea8-49c1-b527-52883ce591c2 Belgium (BE) 7c329a23-a305-49ed-b2df-a7d40b9baa03 Netherlands (NL) c3eb32b4-23bb-45bc-ab39-e90c7599ff1e Poland (PL) dd012069-0bef-4b05-81e1-a498d9e5b477 Poland (PL) a7b92527-3b11-4517-83f6-8b87d3fbe23e Portugal (PT) 0f46b64e-b349-4ff9-bba0-79210e5a5e1c Greece (GR) f5ab362c-ecb3-4d33-915f-50c925baa547 Finland (FI) 0f34383e-bc87-406e-a4d9-db8a3817b04a Czech Republic (CZ) 26785f64-ad42-4577-b491-93551a28fc7a Croatia (HR) 7c329a23-a305-49ed-b2df-a7d40b9baa03 Netherlands (NL) e7e61256-1327-443d-9620-06916edaf449 Sweden (SE) fcefb6c5-8ad4-4f90-8f5d-48e9b03db511 Germany (DE) a7b92527-3b11-4517-83f6-8b87d3fbe23e Portugal (PT) 602d780b-99db-4cb7-94e7-2c6808efe8ed Germany (DE) 90f033e3-3689-43f8-aa7b-d5b5c9164166 France (FR) 1c4a636a-1ea9-4361-9fde-20396d0cd212 Norway (NO) 0f34383e-bc87-406e-a4d9-db8a3817b04a Czech Republic (CZ) e867845f-eebf-4b65-a770-79806e8447b3 Bulgaria (BG) b6cab96a-7d80-46b0-81cf-37bb4f2ac8a8 Germany (DE) 4190bab8-7e79-4ff5-8796-3166d842291f Hungary (HU) 4190bab8-7e79-4ff5-8796-3166d842291f Hungary (HU) 9f7d8e91-1309-4ec9-b41c-029bb82a7b9d Hungary (HU) a1e1b926-6c5d-40b9-9ba8-613ebc210c7a France (FR) 955de7db-035c-406a-afb4-2af5fe17d413 Spain (ES) a546dc6f-6ea8-49c1-b527-52883ce591c2 Belgium (BE) e7e61256-1327-443d-9620-06916edaf449 Sweden (SE) 90f033e3-3689-43f8-aa7b-d5b5c9164166 France (FR) b039ecb2-8262-4741-92b2-0e0d5fb7ef8a Poland (PL) b6cab96a-7d80-46b0-81cf-37bb4f2ac8a8 Germany (DE) fcefb6c5-8ad4-4f90-8f5d-48e9b03db511 Germany (DE) dd012069-0bef-4b05-81e1-a498d9e5b477 Poland (PL) 80816a00-0483-4882-9f60-d87c3b96ede7 Estonia (EE) a1e1b926-6c5d-40b9-9ba8-613ebc210c7a France (FR) 19c1dae4-d3a2-4c07-9e25-6ba6780e58f6 Sweden (SE) 955de7db-035c-406a-afb4-2af5fe17d413 Spain (ES) 80816a00-0483-4882-9f60-d87c3b96ede7 Estonia (EE)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZBBSEJBK200A000000XX
EAN	8015644754693
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	8015644754693

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 LSIG
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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