PRODUCT-DETAILS

E2.2H 800 Ekip Touch LSI 4p F HR

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General Information

Extended Product Type	E2.2H 800 Ekip Touch LSI 4p F HR
Product ID	1SDA071545R1
EAN	8015644753955
Catalog Description	E2.2H 800 Ekip Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 800 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 800 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	bf0e870b-3186-41cc-8292-6192e3978b56 Italy (IT)
Simplified SCIP	c2369a31-5fc0-41b6-82bc-af9fe6195bb0 Finland (FI) ec659c2b-2ad2-4477-8d24-be4ca45db5da Croatia (HR) 9f10e8c0-b696-4696-988f-f51c7e6d77f6 Portugal (PT) ddfcff45-84ff-4f89-9c90-2a1da0b48ea7 Germany (DE) 9f2f0c92-10c0-4aa9-8d1c-9448daa2ac31 France (FR) ef419f32-0166-405e-b017-0533f6433940 Germany (DE) 0c327176-63ed-43df-84cd-b834dabf29ea Norway (NO) 515374a6-39af-4a85-85ea-17452e8f1e78 Greece (GR) 74494183-7338-43fa-8f0e-8d4b0e2f2c71 Hungary (HU) b89c344e-ebe5-4d2d-98ba-25b0ffce2d9f Germany (DE) 5419f0a2-5f99-4e59-82de-9ee146bbc41e Germany (DE) 1ab7d639-14c1-493f-898d-1ec8f2ad3359 Netherlands (NL) a06632fa-a842-4c95-99fa-130642457a26 Sweden (SE) 6b9c8c0a-19d2-47e8-a913-f88f571e0db3 Bulgaria (BG) 99affebc-8d5d-403a-a077-31847800d35a Czech Republic (CZ) 515374a6-39af-4a85-85ea-17452e8f1e78 Greece (GR) 9f10e8c0-b696-4696-988f-f51c7e6d77f6 Portugal (PT) 6cc54432-ff36-41bb-96d8-3bf9f6c9cbd2 Poland (PL) 23ff9579-a3f4-4b7a-b2c4-cb3bc28333e7 Belgium (BE) 10bc1a73-5043-480e-aac5-dbcdbee124f1 Poland (PL) 1ab7d639-14c1-493f-898d-1ec8f2ad3359 Netherlands (NL) 23ff9579-a3f4-4b7a-b2c4-cb3bc28333e7 Belgium (BE) 9eb4d3db-174a-4d4d-94d2-43637cff686e Spain (ES) 21b44358-52fc-4bd9-b27e-0c01fbfd8cd1 Hungary (HU) a06632fa-a842-4c95-99fa-130642457a26 Sweden (SE) 5419f0a2-5f99-4e59-82de-9ee146bbc41e Germany (DE) b89c344e-ebe5-4d2d-98ba-25b0ffce2d9f Germany (DE) 8c0c72cd-45b1-44d5-b6d1-a623a51c5f75 France (FR) e085700f-f0aa-43c3-b8f6-98cef18e5162 Poland (PL) cec1cda9-ee91-410a-b522-2c8544c623f5 Sweden (SE) 9f2f0c92-10c0-4aa9-8d1c-9448daa2ac31 France (FR) 9eb4d3db-174a-4d4d-94d2-43637cff686e Spain (ES) 869bc82e-a031-41d1-ba26-407439655024 Estonia (EE) 74494183-7338-43fa-8f0e-8d4b0e2f2c71 Hungary (HU) 869bc82e-a031-41d1-ba26-407439655024 Estonia (EE) 8c0c72cd-45b1-44d5-b6d1-a623a51c5f75 France (FR) 6cc54432-ff36-41bb-96d8-3bf9f6c9cbd2 Poland (PL) ec659c2b-2ad2-4477-8d24-be4ca45db5da Croatia (HR) aefb3917-0cd8-4167-8636-6c3b40f2ccef Belgium (BE) f63f72fc-4204-4b08-8c3d-733892868437 Germany (DE) 10bc1a73-5043-480e-aac5-dbcdbee124f1 Poland (PL) 21b44358-52fc-4bd9-b27e-0c01fbfd8cd1 Hungary (HU) 779a25ec-5f57-4949-a12a-9fc48d2d2a74 Denmark (DK) ef419f32-0166-405e-b017-0533f6433940 Germany (DE) 99affebc-8d5d-403a-a077-31847800d35a Czech Republic (CZ) e085700f-f0aa-43c3-b8f6-98cef18e5162 Poland (PL) cec1cda9-ee91-410a-b522-2c8544c623f5 Sweden (SE) ddfcff45-84ff-4f89-9c90-2a1da0b48ea7 Germany (DE) 779a25ec-5f57-4949-a12a-9fc48d2d2a74 Denmark (DK) 6b9c8c0a-19d2-47e8-a913-f88f571e0db3 Bulgaria (BG) c2369a31-5fc0-41b6-82bc-af9fe6195bb0 Finland (FI) f63f72fc-4204-4b08-8c3d-733892868437 Germany (DE) 0c327176-63ed-43df-84cd-b834dabf29ea Norway (NO) aefb3917-0cd8-4167-8636-6c3b40f2ccef Belgium (BE)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZBHPEFBE000A000000XX
EAN	8015644753955
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	8015644753955

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	34 W
Rated Current (I_n)	800 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)	800 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LSI
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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