PRODUCT-DETAILS

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

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General Information

Extended Product Type	E2.2H 800 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071548R1
EAN	8015644753986
Catalog Description	E2.2H 800 Ekip Hi-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/HI-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	80828c5c-34ff-44cf-9751-d8c6bc4e6d95 Italy (IT)
Simplified SCIP	2dce2bdb-b9e8-4801-95fa-8045d2bd5cbc Germany (DE) 8978011c-4a9f-4227-b6a1-c5115fd27ba5 Sweden (SE) 6e8afd27-b512-47ae-ad0f-6f1e7f580cba Portugal (PT) 28663e31-06c2-4802-b74f-4da073d51350 Poland (PL) 0c6fc08e-da49-455b-95da-fc36cff195cc Poland (PL) 902c14ac-4113-4a60-bec7-a232632dbeb1 Czech Republic (CZ) 9fe0c174-8f5d-46dc-bd01-c6e81a8c4fb6 Belgium (BE) dbed2743-afd1-4f14-afe5-b6c1d264dfa2 Finland (FI) f42a73c2-3cd7-4702-aa83-749d169f2f6b Greece (GR) edcc67d3-eb99-4a01-93e0-69621c8cb527 Netherlands (NL) c4d68e50-b7c0-4082-86b8-65b21226504a Estonia (EE) 3dcfb7fe-8293-451d-87a3-67ab9e804334 Sweden (SE) 19c01223-eb49-4df3-a619-7c57c0fce625 Bulgaria (BG) d084ed44-7f00-4aea-94f3-a052a4ad8dae France (FR) 2327f261-adfa-46bb-ba63-e4985515a65d Croatia (HR) 34dafd24-c09f-4b75-b962-8284a186aed0 Germany (DE) 227e02d5-15c6-4387-bea5-e3f2313daf83 Germany (DE) 2f9e0815-6f28-43c4-aae0-2d9e22c136f8 Germany (DE) 4c74e5c8-94fa-4975-9bac-ddab0159dc7c Germany (DE) 7976933a-e361-4118-8e0d-8850cd4a6af2 Denmark (DK) 1965c8f7-706b-4047-8f5c-f4a3b6c90e7a France (FR) 26a961e9-d85c-405e-9303-2fe89b95203a Norway (NO) 3618cdf6-c1cb-4cde-ae85-d2c1739c61f0 Poland (PL) 9a2caa11-5a1c-4091-afde-d33244cdca51 Hungary (HU) be3f130e-ca54-42b4-911a-c48f89387209 Hungary (HU) b6a09759-2e2a-4634-b6f8-327366cc6c4c Belgium (BE) 68940a30-b952-459c-a2d5-1bb66cf6fbcb Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBHPEFBJ200A000000XX
EAN	8015644753986
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

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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	8015644753986

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 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) 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

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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	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
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

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Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2



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