PRODUCT-DETAILS

E2.2H 800 Ekip Hi-Touch LSI 3p F HR

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General Information

Extended Product Type	E2.2H 800 Ekip Hi-Touch LSI 3p F HR
Product ID	1SDA070918R1
EAN	8015644747688
Catalog Description	E2.2H 800 Ekip Hi-Touch LSI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 800 FIXED THREE-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

Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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End of Life Instructions	9AKK108468A2361
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	1014a0b7-3d01-430e-b024-3005f92f1d8a Italy (IT)
Simplified SCIP	62ca9356-cc3e-40c8-927c-a743c8dd9c2f Germany (DE) 25bac095-b6c3-4429-94a5-2447b15805a2 Spain (ES) fe23c86f-5cd8-42e6-9a02-7bf387b49881 Belgium (BE) 86db4dbf-dd75-4af2-80e1-257781b6a63a Hungary (HU) 4fce85c7-e15f-418e-8ce9-c06df22eb5b2 Croatia (HR) d7fc2784-3200-4d72-879d-b0f17b0dc811 Norway (NO) 5ca65eb9-2f40-4297-b023-36a1e8565e26 Poland (PL) 823660bb-e7b7-4a15-9ea5-86a446afd7bc Hungary (HU) 50c048fa-93cc-4a79-b03b-ff197cf0de57 Czech Republic (CZ) 6daa208c-3345-40ed-8f46-f6c82e3899ae Denmark (DK) 7213f52a-e703-4040-b194-908536d9da0c Estonia (EE) 33226188-82f3-46a0-b637-a832408a6e06 Germany (DE) 6a92541d-4eaf-4030-aa9e-04bcb5bb131e Germany (DE) 23a37f72-d2f1-475e-9c25-4a7d76b95a2d Germany (DE) 3f204d93-0045-413e-bbfc-532d6f5e6aef Germany (DE) 61181626-1585-4ef8-8239-89afa4883d62 Sweden (SE) 0cf2b609-b33a-413a-bf1b-7ba0346a0de3 Bulgaria (BG) d58d97e0-c776-40aa-b40c-15eaaf3d57e5 Belgium (BE) e0ded06d-fa8b-4ca2-abe6-d48d89564cfc France (FR) be7b3654-ab2a-45f6-bcf1-f6d66a99750e Greece (GR) 994dd9b9-cea9-4a2e-9709-b9c90d0e9c4f Finland (FI) 7eb529be-52a6-42b4-8374-28b655a9ee44 Netherlands (NL) c702cc5e-7aab-4d5c-9105-87962e5b890b France (FR) 4c772fd1-4873-46d5-9ba8-3c1a8599f875 Poland (PL) bffb6204-ff7e-4964-b30b-95a1dd2a51c9 Poland (PL) 054f8597-29bf-476c-935a-c2127fe0e5a8 Sweden (SE) e3d537b5-230c-4e49-bbd7-7c902d414ea6 Portugal (PT)

Ordering

Order Code US and Canada	Z2HPEFBJ200A000000XX
EAN	8015644747688
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 kg

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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	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644747688

Additional Information

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
Number of Poles	3
Power Loss	34 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs})	100 %
Rated Current (I_n)	800 A
Rated Voltage (U_r)	690 V
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 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
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
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt

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Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0083

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 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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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