PRODUCT-DETAILS

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

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General Information

Extended Product Type	E2.2S 800 Ekip Touch LSI 4p F HR
Product ID	1SDA071535R1
EAN	8015644753856
Catalog Description	E2.2S 800 Ekip Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2S 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	f90a4dab-ce97-423c-a66a-7880035e5d2a Italy (IT)
Simplified SCIP	19b6e8f6-38d9-4266-9486-8d390d36397d Germany (DE) dc208b3d-a29c-4145-aee6-53929aaf9981 Belgium (BE) e0fe5e3a-b636-4203-883b-034c3212cc4c Greece (GR) 2b223148-07b7-4b49-a117-82c4deca148a Estonia (EE) 3ae973a3-dc1b-49f9-9d92-e02a4c3862ee Portugal (PT) 67ad8d38-fc3a-4709-aff5-49d90c49225d Bulgaria (BG) b40987a3-9ce0-4cad-a40b-c80c3bc7ca50 Poland (PL) 7be1a841-5ca2-4c58-80c7-8c8cb2babc4c Sweden (SE) 68b0bbfb-2289-4e58-a3e4-890199e2642a Hungary (HU) 1a5089de-f6d4-438f-9c54-e553f827f5e2 Poland (PL) ff4d306e-11cd-48b1-a19a-f2cfe5e164f6 Czech Republic (CZ) c2d50fd1-8338-4699-9042-959c9c2094ef Germany (DE) 3742d0dc-2813-47cb-86fc-d1fb01103076 Germany (DE) 18067b00-7d5e-43a8-bfc0-e4375f8d8b7b Germany (DE) 5ee0bd89-43d4-4b0c-a62a-5f911e6f6314 France (FR) 29510783-94b6-4253-9d67-f14f0c76c2ca Croatia (HR) 20d84a3e-0e53-49f4-ade2-190589aee778 Finland (FI) 88a62210-ff0a-4c49-a914-7968ea3de19f Belgium (BE) e6c4c95b-bd12-4451-ae29-dc92b5ebd577 Sweden (SE) 789d56e3-deef-4113-92e8-86b47cf8c82b Norway (NO) 9587a7b8-91c4-42cf-a78c-fb236d9b2382 Denmark (DK) 42fea055-de65-4c4b-827d-4411df0a3334 Germany (DE) baaf6410-70e3-4c0d-9071-4de6f25d943d Poland (PL) 42f348ed-c9e4-4d79-9005-f4b3aa4064b7 Netherlands (NL) b41f8293-75c5-4cce-96d7-00c211f0e628 Spain (ES) 0f2e44b0-6e14-42fd-8ef0-a1ae0438f6d2 Hungary (HU) f37e1ab2-9d08-44ee-a61c-8eda5a467909 France (FR)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBSPEFBE000A000000XX
EAN	8015644753856
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	8015644753856

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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 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 Touch LSI
Release Type	EL
Short-Circuit Performance Level	S
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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