PRODUCT-DETAILS

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

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General Information

Extended Product Type	E2.2S 800 Ekip Dip LSI 4p F HR
Product ID	1SDA071532R1
EAN	8015644753825
Catalog Description	E2.2S 800 Ekip Dip 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/DIP-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	84f8dfe7-711e-4d4d-8f0b-e824a2b9ba8d Italy (IT)
Simplified SCIP	ca08ad93-d1f7-45a9-ae8f-407bf8ef6971 Germany (DE) dfeb3946-e2fa-4bd1-8cf5-4e546482e5b1 Hungary (HU) de688f59-8694-4860-9edc-f0c9c3c19183 France (FR) 84071ae8-e0d3-4d8c-8523-bf94bd09b8f9 Poland (PL) 07dc78c5-a1f6-4539-a07d-fdfde35bdc4f Norway (NO) e4902301-9d7a-465c-bcbd-4650894fa15b France (FR) b8bc456f-51d4-44ad-8210-7b7d244728d1 Bulgaria (BG) 81f7fef0-6386-4be3-ac9f-524e10747a4d Germany (DE) 22773161-a11a-4b7e-a5aa-ca5dcf86944d Croatia (HR) 3e2680e1-9680-453d-bf51-49b9e11fb6ee Germany (DE) 62556683-181b-4c0a-b97f-9d383f1c14aa Greece (GR) ace59c25-250e-4e4b-a8e3-fb4a11661072 Estonia (EE) add19853-fbb7-4e17-857e-ecc6b048e4ae Netherlands (NL) f5883339-18b7-4875-9edc-b717bc29cc7d Finland (FI) 03683074-d424-41b9-992d-b66d6b4daac1 Belgium (BE) a8324fc2-ce58-4f15-94c0-f55b21a5e391 Sweden (SE) c64ff1be-4cf0-4ada-836d-612b682e4679 Germany (DE) f1004802-c0bd-42d2-bef3-ac41c0a8b8f9 Denmark (DK) da0f5283-a3f2-4313-8689-7d616a3877f2 Germany (DE) d713fdd2-c9aa-49b0-93c1-dd1ee52df475 Poland (PL) 8f01a78e-125f-48c8-a1ac-6a941ba5847a Poland (PL) 626e48b6-2594-4137-907e-ae995f0d9fda Czech Republic (CZ) 8a7c7e5c-730a-4fe7-8192-198c959fa5fd Sweden (SE) f3ff6b7b-2973-46fd-a78a-28510f0117f7 Portugal (PT) 6448626b-bd9b-4d1d-888e-8c899eb07f56 Spain (ES) b4698cb9-2d08-491d-812e-5a5a0d6c7826 Belgium (BE) 9450675c-3de9-42df-8287-84ea34cb2f44 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBSPEFBB000A000000XX
EAN	8015644753825
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	8015644753825

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 Dip 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

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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