PRODUCT-DETAILS

E1.2B 800 Ekip Dip LSI 3p F F

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General Information

Extended Product Type	E1.2B 800 Ekip Dip LSI 3p F F
Product ID	1SDA070742R1
EAN	8015644745929
Catalog Description	E1.2B 800 Ekip Dip LSI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 800 FIXED THREE-POLE WITH FRONT TERMINALS 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	9AKK108468A1900 9AKK108468A3028

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
SCIP	0c6894c5-4f48-4960-a467-728b71c1266a Italy (IT)
Simplified SCIP	94faf7bf-e803-4f2b-9a83-296e79949d48 Croatia (HR) 0760c233-0c2c-4ee5-9339-fd2ee644a92c Sweden (SE) a4fc1de8-8577-485c-bea9-2cb2b82a56e7 Poland (PL) d0f0c616-2bef-4660-93a6-e2b6d029c350 Belgium (BE) 6c7a082e-cf8e-4a81-8fc9-8059a9e91d07 Germany (DE) e1bb37f4-eb65-4f10-9d43-101b7ad4d6b1 Germany (DE) 17189d21-6a1d-4af7-a9f1-1ffb573ba4b0 Finland (FI) accb9001-f079-48ee-b1e2-16bd09334807 Poland (PL) cf0e1564-ce77-482a-9b4a-99fef2e0cc84 Portugal (PT) 542e06cb-011b-4454-860d-d704b7beab46 Denmark (DK) acd51c01-9692-4ae5-8dd7-507dca8ca017 Germany (DE) bba271cb-8003-401a-badd-4f7c26f39aa0 Czech Republic (CZ) ba94a079-c5aa-4af4-a861-e4ea40a0a414 France (FR) bf991d4a-17d5-4aaa-8d85-37d3770286ee Poland (PL) 691c723e-dc8e-4ab0-b3c1-fdb8308dc423 Belgium (BE) 0aa8174b-1a7d-4d2a-b9ec-57b116abd9b1 France (FR) d0383394-0423-4879-ae2e-34476b7f1661 Germany (DE) 0db28edd-dc92-44be-829c-54e530f67f99 Hungary (HU) 4998f438-9564-42a2-81af-a51d7856c5dc Spain (ES) ac435ac9-92b4-4b7e-a21b-736802eccea1 Sweden (SE) 47c3fdf1-72dc-4829-b757-4e1d93e9eb9b Germany (DE) 1f4547eb-fe22-4dfb-b61a-bbc62276f7dc Netherlands (NL) 7f73b983-36af-4c41-862e-7a34e4893727 Greece (GR) 5ead9c81-249a-4f54-b0a8-27faf7bdc270 Norway (NO) 79a3ec3d-6d47-4734-9b9d-9d53f3a38ddc Estonia (EE) 3a3415e1-b7bd-406d-b87a-ae10a347f0e7 Bulgaria (BG) ef0e5ea5-bb37-46a0-af10-e6c21d4627bc Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z1BPEFBB000A000000XX
EAN	8015644745929
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	15.75 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm

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Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	8015644745929

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0001

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	50 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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 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 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	800 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSI

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Release Type	EL
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	E1.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 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	1SDC200023D0109 1SDC200023D0209 1SDC200023D0709 1SDC200023D0309 1SDC200023D0909 1SXF200023C2001
Declaration of Conformity - CE	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0003 1SDH000999R0002 1SDH000999R0005 1SDH000999R0004 1SDH000999R0001 1SDH000999R0006

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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