PRODUCT-DETAILS

E4.2V 3200 Ekip Dip LI 4p F HR

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General Information

Extended Product Type	E4.2V 3200 Ekip Dip LI 4p F HR
Product ID	1SDA071801R1
EAN	8015644756512
Catalog Description	E4.2V 3200 Ekip Dip LI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 3200 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 3200 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910

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	de0d8263-12e5-4d81-a7d2-097d79f143fc Italy (IT)
Simplified SCIP	6b2f8743-304f-48eb-9af2-10d662b38465 Germany (DE) 576bbcfe-9add-4932-8d89-51837509a89f Poland (PL) 181d4fc2-18b7-4bcc-b0f5-9f405ee1091a Hungary (HU) 4dc16606-e55b-40a5-b06f-a532d0a535a2 Spain (ES) 0d79cf62-c0c0-4567-80df-4f5cf45c88cf Belgium (BE) 88fad418-0935-4a2b-a4c9-287d0faa3ed4 Hungary (HU) 5ba07bc3-5494-4701-8d16-f7bcd7c32cff Poland (PL) 7a7cbc96-4c99-4bc6-8fa2-ae8203a22bb4 Norway (NO) 67d6e13b-1b9c-46c4-9589-fe3c8a49a499 Czech Republic (CZ) c279f1ee-f171-4188-a779-60233b73551a Croatia (HR) a0523513-2fc4-4e47-a6f0-c771bfa1731d France (FR) 72c50a09-4ddd-403e-b84f-56ae9774fbf4 Germany (DE) dc32ebeb-47eb-4597-a343-b2038cc54408 Denmark (DK) c2fb8a8b-17aa-4d99-a7b0-4121018bd401 Germany (DE) 00ac4056-e260-49ce-b552-ec009166bbfa Finland (FI) 30bcd630-0b20-4fcc-9921-5b95ad20be6f Greece (GR) d70463f1-3bec-4e79-a1f0-f8eeecde6616 Estonia (EE) 6a262bf2-7223-4afe-8b5e-c017c9225f69 Netherlands (NL) 554774cf-55bd-4c50-ae6f-0dce837e0b99 France (FR) 0042b1a0-02ac-49be-9168-97f9e1679340 Germany (DE) 5a60fe98-8ff5-4db4-9ea5-402b1d2e9a23 Germany (DE) 2e375bc7-6585-4a9b-93b8-64ab37edc463 Belgium (BE) 8d32a9de-2a3c-48ad-8151-44444ef8a0fe Sweden (SE) b7cd9fc7-7ca2-4a61-816a-e8ad703fc43b Sweden (SE) d22abbc6-0e17-4952-be10-541ed7a0b3d8 Bulgaria (BG) 5e589e9c-126f-4742-bd6c-31f2d62b967c Portugal (PT) 936fa078-813d-4faf-898e-cfe79ed3df97 Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCVVENBA000A000000XX
EAN	8015644756512
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	70 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	785 mm
Package Level 1 Gross Weight	77 kg
Package Level 1 EAN	8015644756512

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0197

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	425 W
Rated Current (I_n)	3200 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) 150 kA (230 V AC) 150 kA (380 V AC) 150 kA (400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 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 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	3200 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2
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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
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	4. Large Equipment (Any 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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