PRODUCT-DETAILS

E1.2N 1000 Ekip Dip LI 4p F F

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Submitted by TECO Group

General Information

Extended Product Type	E1.2N 1000 Ekip Dip LI 4p F F
Product ID	1SDA071431R1
EAN	8015644752811
Catalog Description	E1.2N 1000 Ekip Dip LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1000 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2360
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
Extended Product	Lifetime Extension Services are Offered

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Lifetime	
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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	cfdb7292-d4c9-4036-ba03-7991cc5acd93 Italy
Simplified SCIP	8d09cef3-9351-485b-b7b7-70f458e0f970 Finland 65e0e305-51b3-4674-9654-dcf178149e08 Belgium e5a2ef0b-6bb2-4d8c-97a7-32cb28b9ca3b Hungary 34875f5a-effc-4e62-8f3d-8a20e8e31818 France 0894e775-5971-45dc-aa40-a22814bb39c8 Croatia 663e13e9-5fb6-4b70-807a-3526cb02eac1 Poland b69fe134-7b35-4443-882d-217ecbb4de03 Germany b88b4041-358e-4931-bf56-cc39e78e3fa6 Germany 96f4a908-7aef-4b65-b0f1-7a54ac0d89a7 Estonia 956a377f-f2c9-49dc-9fb6-8a96c3185a49 Bulgaria 0af5269f-e1fc-42bb-a243-43cafb71b296 Denmark d64d166c-df47-411c-b5d8-58b17129026a Norway f55209c7-efcf-4ab7-bd56-8df3cf2fb5dc Czech Republic 6ac9e08b-74f8-49e7-a7bc-893e4aed2d9e Germany abfe6cfd-b401-4829-9f30-4b6b0f643b92 Poland ddc50cc0-f55d-43ac-94a3-a5b0758dc573 Portugal 250da3f7-955a-4c02-94e0-58acf5f4b747 Germany eb184905-5fa5-44a9-b6f7-2bf2b4721627 Netherlands 04f17a0a-45ae-4bac-8f56-7fc6ced937cd Greece 1efee0a0-bd20-40df-b03c-bc05e1bf1dbb Sweden f467d610-499b-4ab6-8108-42cf029dbc0e Sweden 08748c75-c14b-48e3-b71d-93c4d25b04ed Poland 32b82901-d046-4902-a9d0-9ff0718631a5 France dedac102-56a5-4f8f-8a40-28ff571f3751 Spain 1bd97c8e-8994-4d09-84ae-f130e7aa1497 Hungary efc04081-91f5-4b0b-b910-b64d71d87d68 Germany 95d2aa89-464e-4a7f-b833-84beb3cae148 Belgium

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Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZANQEGBA000A000000XX
EAN	8015644752811
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm

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Product Net Depth / Length	183 mm
Product Net Weight	16 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644752811

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

Technical

Connecting Capacity	1000 mm^2
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
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	78 W
Rated Current (I_n)	1000 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) 50 kA (230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 50 kA (660 V AC) 50 kA (690 V AC) 50 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs})	100 %
Rated Short-time	for 1 s 50 kA

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Withstand Current Low Voltage (I_{cw})	for 3 s 30 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 50 kA
Rated Uninterrupted Current (I_u)	1000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	M12
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	N
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	1SDC200023D0209
Declaration of Conformity - CE	9AKK106713A5546
EU Data Act Compliance Declaration	1SDH002560A1001
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002

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External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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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