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 PRODUCT-DETAILS

## E4.2S 4000 Ekip Dip LI 4p WMP

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**General Information**

<b>Extended Product Type:</b>	E4.2S 4000 Ekip Dip LI 4p WMP
<b>Product ID:</b>	1SDA073181R1
<b>EAN:</b>	8015644770310
<b>Catalog Description:</b>	E4.2S 4000 Ekip Dip LI 4p WMP
<b>Long Description:</b>	MOVING PART FOR C.BREAKER SACE EMAX2 E4.2S 4000 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED
<b>Display Name:</b>	E4.2S 4000 Ekip Dip LI 4p WMP

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**ABB EcoSolutions**

<b>ABB EcoSolutions:</b>	Yes
<b>ABB Site Meeting Group Waste To Landfill Target:</b>	UL 2799 Zero Waste To Landfill Validation available
<b>End Of Life Disassembling Instructions:</b>	9AKK108468A2363
<b>Environmental Product Declaration - EPD:</b>	9AKK108468A1904 9AKK108468A1910
<b>Extended Product Lifetime:</b>	Lifetime Extension Services are Offered

**Recyclability Rate of the Product acc. to EN45555:** Design for Closing Resource Loops - Standard EN45555 - 77.4 %

## Material Compliance

<b>REACH Declaration:</b>	9AKK108466A1425
<b>RoHS Declaration:</b>	9AKK108466A1424
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>Toxic Substances Control Act - TSCA:</b>	9AKK108467A8326
<b>SCIP:</b>	5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy
<b>Simplified SCIP:</b>	a16503c8-c993-4d7a-9277-704db1bb451b Germany 8b03cfe9-7657-4778-acb1-5e456af5c76a Denmark 64831dac-5718-413a-b2dd-c2a16236b94f Sweden 7635dc57-155c-4b3b-8d16-637f7a9317ca Estonia bf55e5c1-47fb-4603-bc85-150f2bba6810 Netherlands 8d8d3917-aca7-4875-98c5-244d35793f56 Bulgaria cc5cb3c7-f20f-4e57-a699-41c96b5a1eef Norway 560d9c18-bf6e-4a6e-b95a-82f0dcbd0d2c Sweden 55ebef71-4502-4891-8767-e9a15ef09392 Poland 7e9377e0-b60f-471e-982f-360fb85b51c6 France 5b96a5ce-08d7-4ea3-9d9d-b2ed25c73f5d Belgium 7f3be359-1216-4d35-b9d4-eab9cbb290fd Poland 13fc1439-00ad-45bf-abdd-5ede1ce20a7d Hungary de9a0119-6bd3-4d97-a5d3-1e74d280ccf7 Belgium 08ff7a7d-f7c4-4a97-ab1f-2f60e52ccc4e Germany 18044daa-d0c0-4608-bafb-451bb9d8efe4 Croatia de6447a0-df24-4a20-8466-f5f11a930a19 Finland 5ede7a36-3b83-4497-b7e0-ef217691ad89 Czechia f49fce99-7561-4c32-880a-478431f7efd7 Greece e5eed5bf-546a-4db4-a608-d4b83c43c056 Poland f40ef067-0a7a-4928-831d-6affa0d2f0c7 Germany 8ad28a13-de77-4592-95fd-897a501569c8 Germany 05702ea0-ab49-475f-8469-3cf48dabeb77 Portugal 1ac41cb5-8851-4d50-97e5-9a58e2df1d99 Spain 6e3f01fd-be03-4be8-9d80-b02a9984a4e1 Germany 1c74a6dc-b960-484a-a4e4-4114d79c6a3d Hungary a940f727-3880-42c1-bdc0-d5e1d498ddaf France

## Environmental

**Environmental Information:** 9AKK108467A6707

## Ordering

<b>Order Code US and Canada:</b>	ZCSWERA000A0000000XX
<b>EAN:</b>	8015644770310
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

## Dimensions

Product Net Width:	551 mm
Product Net Height:	425 mm
Product Net Depth / Length:	383 mm
Product Net Weight:	74 kg

### Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	515 mm
Package Level 1 Height:	610 mm
Package Level 1 Depth / Length:	785 mm
Package Level 1 Gross Weight:	81 kg
Package Level 1 EAN:	8015644770310

### Additional Information

Product Main Type:	SACE Emax 2
Product Name:	Air Circuit Breaker
Product Type:	Air Circuit Breaker
Version:	W
CAD Dimensional Drawing:	1SDH001252R0434

### Technical

Connecting Capacity:	4000 mm <sup>2</sup>
Current Type:	AC
Electrical Durability:	U <sub>e</sub> =< 440 V 5000 cycle U <sub>e</sub> = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour
Neutral Pole Current ([%I <sub>n</sub> ]):	100 %
Number of Poles:	4P
Power Loss:	900 W
Rated Current (I <sub>n</sub> ):	4000 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U <sub>i</sub> ):	AC 1000 V
Rated Operational Voltage:	690 V AC

<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(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
<b>Rated Service Short-Circuit Breaking Capacity, in % of <math>I_{cu}</math> (<math>I_{cs}</math>):</b>	100 %
<b>Rated Short-time Withstand Current Low Voltage (<math>I_{cw}</math>):</b>	for 1 s 66 kA for 3 s 66 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(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
<b>Rated Uninterrupted Current (<math>I_u</math>):</b>	4000 A
<b>Rated Voltage (<math>U_r</math>):</b>	690 V
<b>Recommended Screw Driver:</b>	M12
<b>Release:</b>	Ekip Dip LI
<b>Release Type:</b>	EL
<b>Short-Circuit Performance Level:</b>	S
<b>Standards:</b>	IEC
<b>Sub-type:</b>	E4.2
<b>Suitable for IT Networks:</b>	Yes, 690V

## Certificates and Declarations

<b>ATEX Certificate:</b>	No certification needed
<b>CSA Certificate:</b>	No certification needed
<b>CSA Certificate (Intrinsic Safe):</b>	No certification needed
<b>Data Sheet, Technical Information:</b>	1SDC200023D0209
<b>Declaration of Conformity - CE:</b>	9AKK106713A5545
<b>EU Data Act Compliance Declaration:</b>	1SDH002560A1001
<b>UL Certificate:</b>	No certification needed
<b>VDE Certificate:</b>	No certification needed
<b>Mechanical Drawings:</b>	1SDH001001R0102
<b>Wiring Diagram:</b>	1SDM000091R0001
<b>Instructions and Manuals:</b>	1SDH001000R0002

## External Classifications and Standards

<b>ETIM 9:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>ETIM 10:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>Object Classification Code:</b>	Q

<b>WEEE Category:</b>	4. Large Equipment (Any External Dimension More Than 50 cm)
<b>eClass:</b>	V11.1 : 27370409

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## Categories

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Products > Low Voltage Products and Systems > Circuit Breakers > Air Circuit Breakers > Emax 2



Submitted by TECO Group