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 PRODUCT-DETAILS

# E1.2C 800 Ekip Hi-Touch LSI 4p WMP

## E1.2C 800 Ekip Hi-Touch LSI 4p WMP




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**General Information**

Extended Product Type	E1.2C 800 Ekip Hi-Touch LSI 4p WMP
Product ID	1SDA072738R1
EAN	8015644765880
Catalog Description	E1.2C 800 Ekip Hi-Touch LSI 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2C 800 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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**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
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Product acc. to EN45555

**Material Compliance**

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
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	30d5c8b9-87f7-488c-98c4-1e7a77387f74 Italy
Simplified SCIP	1685da76-d5a8-4cb6-ab7a-e08646b53dc5 Denmark 17addf4a-788c-45e6-9a2d-89de7ee9203c Germany df31192c-f7e8-44be-b1a3-5517d4e5fa70 Hungary 477ab873-b09d-4239-9cd3-ae1dcd3bf926 Sweden 5d073a3a-88e6-47a2-b0ed-131a589ea9e7 Germany 9570d7e8-5247-4968-9825-a361e6963f82 Croatia 08b6fb81-c478-497e-a62c-e447ac63d63e Germany 49baa32f-6a0b-457d-aa51-3e4a77c6eed4 France 1685da76-d5a8-4cb6-ab7a-e08646b53dc5 Denmark 17addf4a-788c-45e6-9a2d-89de7ee9203c Germany e77a5c6c-ac70-4684-aece-65a17344303f Greece 1ce29a26-2ba2-489c-b830-dc6ba0df55d0 Germany 81ad5291-0545-49dc-9fdd-7842dc26a35b Norway 9704badc-1c96-4341-b344-0042b9cf6b90 Finland 5217aa7d-14d5-4214-b391-49e5e18a075d Czech Republic 3a28eb4b-f1da-4b95-b148-925513e860a7 Poland 6651658f-6061-49d0-9af7-8c4b203e66c6 Netherlands 658acfc7-e518-470f-94f4-cf287b37c670 Poland be15e2ff-f8b6-45ab-a6c9-8608052793b6 France 08b6fb81-c478-497e-a62c-e447ac63d63e Germany 5827e7b1-64b3-4bdf-b500-d90e599c94a1 Hungary 83f5048c-1e85-4ba8-ad38-414c333d1cdb Belgium 4e5269c7-7d33-47bb-8ed3-1475ed1ff161 Spain 38ce0d59-ae0b-4a5c-aa22-85246344e559 Portugal b8d6eeb3-597f-4c15-b577-6511019fcab7 Sweden 6493a302-1180-42cd-8da8-4815a601fccd Estonia 4e5269c7-7d33-47bb-8ed3-1475ed1ff161 Spain b3dba147-bd66-425a-a5d7-c408d7a47f53 Poland 49baa32f-6a0b-457d-aa51-3e4a77c6eed4 France 477ab873-b09d-4239-9cd3-ae1dcd3bf926 Sweden 5d073a3a-88e6-47a2-b0ed-131a589ea9e7 Germany 557ae9d7-5912-4bb5-9501-ebb08114c31f Bulgaria 5217aa7d-14d5-4214-b391-49e5e18a075d Czech Republic df31192c-f7e8-44be-b1a3-5517d4e5fa70 Hungary 6651658f-6061-49d0-9af7-8c4b203e66c6 Netherlands 3a28eb4b-f1da-4b95-b148-925513e860a7 Poland be15e2ff-f8b6-45ab-a6c9-8608052793b6 France e77a5c6c-ac70-4684-aece-65a17344303f Greece 6493a302-1180-42cd-8da8-4815a601fccd Estonia 1ce29a26-2ba2-489c-b830-dc6ba0df55d0 Germany b3dba147-bd66-425a-a5d7-c408d7a47f53 Poland 5827e7b1-64b3-4bdf-b500-d90e599c94a1 Hungary 658acfc7-e518-470f-94f4-cf287b37c670 Poland f01e61d0-cede-4997-89aa-149d0561faf4 Belgium 38ce0d59-ae0b-4a5c-aa22-85246344e559 Portugal b8d6eeb3-597f-4c15-b577-6511019fcab7 Sweden 9704badc-1c96-4341-b344-0042b9cf6b90 Finland 9570d7e8-5247-4968-9825-a361e6963f82 Croatia 9379daa6-2269-4691-b3c7-1efb5d6f6710 Germany 83f5048c-1e85-4ba8-ad38-414c333d1cdb Belgium f01e61d0-cede-4997-89aa-149d0561faf4 Belgium 81ad5291-0545-49dc-9fdd-7842dc26a35b Norway 557ae9d7-5912-4bb5-9501-ebb08114c31f Bulgaria 9379daa6-2269-4691-b3c7-1efb5d6f6710 Germany

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**Environmental**


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Environmental Information	9AKK108467A6707
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**Ordering**


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Order Code US and Canada	ZACPEFAJ200A000000XX
EAN	8015644765880
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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**Dimensions**


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Product Net Width	348 mm
Product Net Height	363.5 mm
Product Net Depth / Length	271 mm
Product Net Weight	20 kg

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**Container Information**


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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	23 kg
Package Level 1 EAN	8015644765880

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**Additional Information**


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Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0065

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**Technical**


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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	100 W

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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) 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) 42 kA (660 V AC) 42 kA (690 V AC) 42 kA
Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ )	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) 50 kA (415 V AC) 50 kA (440 V AC) 50 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
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	E1.2
Suitable for IT Networks	Yes, 690V

## 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
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0103
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002
Instructions and Manuals (Part 2)	1SDH001316R1002

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**External Classifications and Standards**

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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**

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

