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 PRODUCT-DETAILS

# E1.2C 1600 Ekip Hi-Touch LSI 4p WMP

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**General Information**

Extended Product Type	E1.2C 1600 Ekip Hi-Touch LSI 4p WMP
Product ID	1SDA072858R1
EAN	8015644767082
Catalog Description	E1.2C 1600 Ekip Hi-Touch LSI 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2C 1600 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1600 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 Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

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**Material Compliance**


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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	5d7ecdae-12b3-4be4-b674-61f94511addd Italy
Simplified SCIP	7fe359a6-4597-4531-b770-da8f0ba581db Norway e1da7a87-0c5b-49cd-b88f-76fd8a2d4160 Germany 3b4934bc-3906-47b6-873d-cc1cdd231d71 Croatia fcc43640-697d-4f6f-9d34-1fc1d618adf8 Finland 44f0976d-60c2-4c16-b889-823b1391aa90 Germany 0057aadd-7e96-41b7-a859-67d1daaa2b0a Sweden f462e785-5a98-4ca6-aacd-6b940e0f82ca Denmark dc3808de-e33e-4db8-8a22-d1cf91d701f9 Bulgaria e1da7a87-0c5b-49cd-b88f-76fd8a2d4160 Germany 0410dd2e-e1ba-4917-bdef-000800f5e97d Belgium 32f7a11e-20e9-4d50-85ee-1a6e8070b962 Germany ac5d3f4d-e180-4f34-9119-05f43dffe83f Poland ef097227-c28e-424d-9e0e-a6bd061cb8ce Poland c9c0bff7-f19d-4103-b0e0-e1edd01c73c0 Greece 7fe359a6-4597-4531-b770-da8f0ba581db Norway 44f0976d-60c2-4c16-b889-823b1391aa90 Germany 32f7a11e-20e9-4d50-85ee-1a6e8070b962 Germany f462e785-5a98-4ca6-aacd-6b940e0f82ca Denmark 824a378e-d43d-4e47-9488-5a9da5950b78 Portugal fcc128ef-37e7-4ed9-b031-a10d3095bb4a Poland 707610a6-4b0b-43e3-8b04-f3a230e27315 Netherlands ef097227-c28e-424d-9e0e-a6bd061cb8ce Poland 5bbfdca7-2c26-45e5-a92a-321f8601b4e6 Belgium 0410dd2e-e1ba-4917-bdef-000800f5e97d Belgium 53903c2f-de33-45a4-b312-5d6b77a2d4d4 Germany 402d8ca4-aa4e-4ff5-8ca2-1749cb2eb57e Hungary 2b871150-e0de-4535-980d-6816c2b1037d Germany 44f6d7d1-c8cf-4bf0-8210-835faf69618b Czech Republic dc3808de-e33e-4db8-8a22-d1cf91d701f9 Bulgaria 9fffa1a6-c4c8-435f-ba23-885e82012802 France 44f6d7d1-c8cf-4bf0-8210-835faf69618b Czech Republic fcc43640-697d-4f6f-9d34-1fc1d618adf8 Finland 824a378e-d43d-4e47-9488-5a9da5950b78 Portugal 3b4934bc-3906-47b6-873d-cc1cdd231d71 Croatia 8fdc0723-403c-41ca-8376-f6f58ec1bb72 Sweden 497d19ac-5f94-422a-bb31-827a0fec5fa8 Spain 5bbfdca7-2c26-45e5-a92a-321f8601b4e6 Belgium 8b8b517f-7153-447c-b3b3-9ddc35bad78c Hungary 402d8ca4-aa4e-4ff5-8ca2-1749cb2eb57e Hungary c9c0bff7-f19d-4103-b0e0-e1edd01c73c0 Greece f7ec5c32-92de-4398-b65d-f3126b551321 France 74670c9e-367e-47ef-b0d3-d2e16414cf15 Estonia fcc128ef-37e7-4ed9-b031-a10d3095bb4a Poland 497d19ac-5f94-422a-bb31-827a0fec5fa8 Spain 8b8b517f-7153-447c-b3b3-9ddc35bad78c Hungary 74670c9e-367e-47ef-b0d3-d2e16414cf15 Estonia 707610a6-4b0b-43e3-8b04-f3a230e27315 Netherlands 53903c2f-de33-45a4-b312-5d6b77a2d4d4 Germany 2b871150-e0de-4535-980d-6816c2b1037d Germany 8fdc0723-403c-41ca-8376-f6f58ec1bb72 Sweden f7ec5c32-92de-4398-b65d-f3126b551321 France 9fffa1a6-c4c8-435f-ba23-885e82012802 France ac5d3f4d-e180-4f34-9119-05f43dffe83f Poland 0057aadd-7e96-41b7-a859-67d1daaa2b0a Sweden

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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	ZACSEJAJ200A000000XX
EAN	8015644767082
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

## Dimensions

Product Net Width	348 mm
Product Net Height	363.5 mm
Product Net Depth / Length	271 mm
Product Net Weight	20 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	23 kg
Package Level 1 EAN	8015644767082

## Additional Information

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

## Technical

Current Type	AC
Electrical Durability	U <sub>e</sub> =< 440 V 3000 cycle U <sub>e</sub> = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current (I <sub>n</sub> )	100 %
Number of Poles	4P
Power Loss	400 W
Rated Current (I <sub>n</sub> )	1600 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
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cs</sub>	100 %
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(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 <sub>u</sub> )	1600 A
Rated Voltage (U <sub>r</sub> )	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

### External Classifications and Standards

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

