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 PRODUCT-DETAILS

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

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




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**General Information**

Extended Product Type	E1.2N 1600 Ekip Hi-Touch LSI 4p WMP
Product ID	1SDA072868R1
EAN	8015644767181
Catalog Description	E1.2N 1600 Ekip Hi-Touch LSI 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 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	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	2d3d3ea1-50af-469c-b2aa-f11d7a5a30e1 Italy
Simplified SCIP	87759095-9a96-4ce5-abb9-503a12aceef6 Germany 604ef066-06b7-4169-94bc-04ea6700c805 Norway 3e9521f7-f177-420c-88bf-44c8129098b9 Germany 3644e894-bb52-4626-bc61-e83b1c0f2a84 France 39354751-dcaf-4dd6-b665-83ab4addabe2 Portugal 72e11f67-d213-4a9e-9785-64d29e65935a Finland b45ea93e-3983-429d-9e6d-cc2ffc23fce0 Czech Republic 26a4896c-e512-4d3f-a251-8cfb3c8822cb Croatia 37941a87-54b6-4361-b0a9-06ef49194f87 Netherlands 77a95632-65b1-475f-bd10-e2992d577054 Sweden 181bb596-51f9-437d-b9ae-89a8e8ec4db5 Germany 7c1d757f-09a7-41d2-a305-503767138860 Hungary 41f58f31-b4e8-4779-a840-2ed4f83b60cb Germany 79061cd8-8880-4c62-a18e-a38e8a6d3845 Bulgaria 37941a87-54b6-4361-b0a9-06ef49194f87 Netherlands 1d5fc1e5-e577-467d-8e7f-6f215e72c394 Poland e29cc0e0-7cb5-4735-8b2f-f969780322ab Belgium f9103ada-3662-4420-900c-9bd7234f6bcb Poland 39354751-dcaf-4dd6-b665-83ab4addabe2 Portugal 7bcef1d5-1921-4b57-aab2-7f86bdbbeeadb Hungary 3ecfdee2-3cbd-4387-bf26-46d5e822acb3 France e29cc0e0-7cb5-4735-8b2f-f969780322ab Belgium 65804031-5e01-4bca-9947-873952166afb Spain 09dbb341-0324-4e2b-a2cf-2b68325bb0ef Sweden 3644e894-bb52-4626-bc61-e83b1c0f2a84 France fc6759b1-bc98-43e6-9ff7-7332b8439f87 Poland 181bb596-51f9-437d-b9ae-89a8e8ec4db5 Germany 77a95632-65b1-475f-bd10-e2992d577054 Sweden 41f58f31-b4e8-4779-a840-2ed4f83b60cb Germany f9103ada-3662-4420-900c-9bd7234f6bcb Poland 5babe153-89ff-41ba-b5fd-e6d4fddbdc02 Greece 3ecfdee2-3cbd-4387-bf26-46d5e822acb3 France a608a736-fa5c-4262-a150-388e4b0e0813 Estonia 65804031-5e01-4bca-9947-873952166afb Spain a608a736-fa5c-4262-a150-388e4b0e0813 Estonia b45ea93e-3983-429d-9e6d-cc2ffc23fce0 Czech Republic 7c1d757f-09a7-41d2-a305-503767138860 Hungary 670b7119-3f76-43ac-bcac-924d4082e431 Belgium 72e11f67-d213-4a9e-9785-64d29e65935a Finland 26a4896c-e512-4d3f-a251-8cfb3c8822cb Croatia 1149a614-42cf-42bd-a2ce-a8460e345e53 Germany fc6759b1-bc98-43e6-9ff7-7332b8439f87 Poland 3e9521f7-f177-420c-88bf-44c8129098b9 Germany 1d5fc1e5-e577-467d-8e7f-6f215e72c394 Poland 7bcef1d5-1921-4b57-aab2-7f86bdbbeeadb Hungary 5babe153-89ff-41ba-b5fd-e6d4fddbdc02 Greece 41455350-34d3-4c20-9b50-7f40a990b376 Denmark 670b7119-3f76-43ac-bcac-924d4082e431 Belgium 604ef066-06b7-4169-94bc-04ea6700c805 Norway 79061cd8-8880-4c62-a18e-a38e8a6d3845 Bulgaria 1149a614-42cf-42bd-a2ce-a8460e345e53 Germany 09dbb341-0324-4e2b-a2cf-2b68325bb0ef Sweden 87759095-9a96-4ce5-abb9-503a12aceef6 Germany 41455350-34d3-4c20-9b50-7f40a990b376 Denmark

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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	ZANSEJAJ200A000000XX
EAN	8015644767181
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	8015644767181

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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 3000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	400 W

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Rated Current ( $I_n$ )	1600 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) 66 kA (230 V AC) 66 kA (380 V AC) 66 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 $I_{cu}$ ( $I_{cs}$ )	100 %
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 50 kA 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 ( $I_u$ )	1600 A
Rated Voltage ( $U_r$ )	690 V
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	N
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

