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 PRODUCT-DETAILS

# E1.2N 1600 Ekip Hi-Touch LSI 3p WMP

## E1.2N 1600 Ekip Hi-Touch LSI 3p WMP




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**General Information**

Extended Product Type	E1.2N 1600 Ekip Hi-Touch LSI 3p WMP
Product ID	1SDA072238R1
EAN	8015644760885
Catalog Description	E1.2N 1600 Ekip Hi-Touch LSI 3p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 1600 THREE-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	b4c04d14-e510-46fd-ab04-4c532b4e1649 Italy
Simplified SCIP	6db5cbde-1934-4367-918a-7a92d6fc8d91 Germany 7af7d4f7-8913-47ff-9cfb-1702393c7a18 Croatia 09a75d66-7b48-49a1-b8fa-cf515a60d937 Hungary 6fc79cce-dbf-d-4767-8d90-750c837a4ead Germany 020d0b3b-fba3-434f-868c-b9101aef8b7c Sweden 48ffc8a2-875b-4b7d-a5bb-0d11b6c1c360 France 1484604a-2240-4096-9bb2-7ba7abcea365 Norway 40db284a-06f7-41a7-8ce5-28e45434f6c3 Greece 8e0032f6-cde6-4313-84ed-955def268412 Denmark fe3eedfe-3c01-4ee6-a937-18a7fb5a87bd Germany 2058fde2-8c4a-42ae-bed1-7e7669a9253a Germany e1ea2c05-eca6-4e06-99e9-0a9ce50e85e4 Hungary 15b8246c-27ff-4e29-af95-364f3261c111 Portugal 4d71c967-08c1-4c40-a238-1ca54342da08 Czech Republic 0031997f-0c00-4220-9bde-f530cbca9f18 Netherlands 7ae1840a-aefb-4043-9223-8eb7f0212083 Finland 0031997f-0c00-4220-9bde-f530cbca9f18 Netherlands ee9dc7d8-fb7a-4464-9cec-1adfa993a08e Poland 49e8e4eb-b03c-48f7-9f12-9f47e2920d35 Poland 15b8246c-27ff-4e29-af95-364f3261c111 Portugal fdb547a4-7e30-490f-828f-2482e2aa7920 France 6db5cbde-1934-4367-918a-7a92d6fc8d91 Germany 6fc79cce-dbf-d-4767-8d90-750c837a4ead Germany e1ea2c05-eca6-4e06-99e9-0a9ce50e85e4 Hungary ae1496de-7c7c-40dd-9d11-a5a2e5da408e Spain 34ac0eb3-18ad-417b-aadc-46507781e430 Belgium ccbdca6d-5de9-48e2-a646-afd71e34335b Sweden fd734f1f-6673-4b4e-ae54-87c66e7dd460 Estonia ae1496de-7c7c-40dd-9d11-a5a2e5da408e Spain 48ffc8a2-875b-4b7d-a5bb-0d11b6c1c360 France d1f0848c-2f47-40bb-ac09-9212afe8495c Poland 020d0b3b-fba3-434f-868c-b9101aef8b7c Sweden 5273adbf-94d3-4014-9f9d-a6f22b8bde6e Bulgaria 4d71c967-08c1-4c40-a238-1ca54342da08 Czech Republic 09a75d66-7b48-49a1-b8fa-cf515a60d937 Hungary fd734f1f-6673-4b4e-ae54-87c66e7dd460 Estonia 40db284a-06f7-41a7-8ce5-28e45434f6c3 Greece fdb547a4-7e30-490f-828f-2482e2aa7920 France 49e8e4eb-b03c-48f7-9f12-9f47e2920d35 Poland 36ea44fd-f682-47d2-b601-18b21ecd5014 Belgium 7af7d4f7-8913-47ff-9cfb-1702393c7a18 Croatia 7ae1840a-aefb-4043-9223-8eb7f0212083 Finland ccbdca6d-5de9-48e2-a646-afd71e34335b Sweden 0a199437-71ff-40f8-9432-158d91fc2a09 Germany ee9dc7d8-fb7a-4464-9cec-1adfa993a08e Poland 2058fde2-8c4a-42ae-bed1-7e7669a9253a Germany d1f0848c-2f47-40bb-ac09-9212afe8495c Poland 8e0032f6-cde6-4313-84ed-955def268412 Denmark fe3eedfe-3c01-4ee6-a937-18a7fb5a87bd Germany 34ac0eb3-18ad-417b-aadc-46507781e430 Belgium 36ea44fd-f682-47d2-b601-18b21ecd5014 Belgium 5273adbf-94d3-4014-9f9d-a6f22b8bde6e Bulgaria 0a199437-71ff-40f8-9432-158d91fc2a09 Germany 1484604a-2240-4096-9bb2-7ba7abcea365 Norway

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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	Z1NSEJAJ200A000000XX
EAN	8015644760885
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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**Dimensions**


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Product Net Width	278 mm
Product Net Height	363.5 mm
Product Net Depth / Length	271 mm
Product Net Weight	18 kg

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**Container Information**


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Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	20 kg
Package Level 1 EAN	8015644760885

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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	1SDH001252R0024

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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
Number of Poles	3P
Power Loss	400 W
Rated Current (I <sub>n</sub> )	1600 A
Rated Impulse	acc. to IEC 60947-2 12 kV

Withstand Voltage ( $U_{imp}$ )	
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

## 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

