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 PRODUCT-DETAILS

# E2.2H 1000 Ekip Hi-Touch LSI 4p WMP

## E2.2H 1000 Ekip Hi-Touch LSI 4p WMP




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**General Information**

Extended Product Type	E2.2H 1000 Ekip Hi-Touch LSI 4p WMP
Product ID	1SDA072928R1
EAN	8015644767785
Catalog Description	E2.2H 1000 Ekip Hi-Touch LSI 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E2.2H 1000 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1000 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	9AKK108468A2361
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

Product acc. to EN45555

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## 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	fb8597f6-a436-4231-a67b-c2e4a1316374 Italy
Simplified SCIP	9ed8e748-3910-478e-b30c-46c5ace9f4c4 Germany 0547bf2e-e262-4cb1-ab39-1c6911c9ba77 Sweden 20e6a6f6-da5b-43eb-a3ee-32a11f3c117a Norway 88877fb-31a0-41fa-b0b6-e56cc2065ea5 Poland 16a15703-131e-44d1-9730-03976f3419c9 Hungary 69bebeb9-f830-4887-8b0f-36a179c55a08 Bulgaria 44c7651b-7eaf-4078-a77b-bcd3ac03ba66 Croatia adbe95a4-61f5-4a81-8f87-17cbc20ddeb4 Hungary 97fb5a66-b15d-4fa6-8444-7fd5acb02605 Belgium 7d0b5b22-d878-49bf-9b7f-e457b4db292f France 33f5a34b-3796-4556-94cb-4a39308baa4d Germany 74c376b0-084b-40bf-ac92-57a1aba0355e Denmark bec4055b-5ced-41c4-8a2b-3a88b0d84fab Germany eb3c3002-68f2-4612-ae5f-3dbf0fbf5192 France 913c281c-8ad6-4466-b349-0ddd3695ccdc Netherlands 3ae959be-1063-41b9-b9f4-9ba1f3da11ba Belgium a61958ee-1607-49b1-a048-a3dfe644bff7 Germany 730d678e-981c-4187-8782-6c7d624f5b34 Germany 0f29fd34-d26b-449f-8c92-317cd29a6ffa Greece b8118a87-2308-454f-8a9e-ab758e051786 Estonia f02659db-812f-45bb-a3ba-dc48d5674428 Finland cc8ed0e3-1f9e-4611-89ad-ec3bc2cd2758 Sweden 396a7951-586e-45c2-a7ce-79ba7e73cdd3 Poland c8a7bad7-4bb4-45dc-8dea-234628a8233a Czech Republic 769dfe92-420a-4180-9fbc-b5a6d38b9f62 Poland c66ff69c-1e7e-4694-acb1-7b4dca911af9 Portugal acf879cc-97ff-465a-a510-a0bf63cfd85 Spain

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## Environmental

Environmental Information	9AKK108467A6707
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## Ordering

Order Code US and Canada	ZBHQEGAJ200A000000XX
EAN	8015644767785
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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## Dimensions

Product Net Width	407 mm
Product Net Height	425 mm
Product Net Depth / Length	383 mm

Product Net Weight	55 kg
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### 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	615 mm
Package Level 1 Gross Weight	60 kg
Package Level 1 EAN	8015644767785

### Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0432

### Technical

Current Type	AC
Electrical Durability	Ue = < 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% I <sub>n</sub> ])	100 %
Number of Poles	4P
Power Loss	113 W
Rated Current (I <sub>n</sub> )	1000 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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> )	100 %
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-	(400 V AC) 100 kA

Circuit Breaking Capacity (I <sub>cu</sub> )	(415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I <sub>u</sub> )	1000 A
Rated Voltage (U <sub>r</sub> )	690 V
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E2.2
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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0102
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
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

