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 PRODUCT-DETAILS

# E1.2B 800 Ekip Touch LSI 3p WMP

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**General Information**

Extended Product Type	E1.2B 800 Ekip Touch LSI 3p WMP
Product ID	1SDA072095R1
EAN	8015644759452
Catalog Description	E1.2B 800 Ekip Touch LSI 3p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2B 800 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/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 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	bb6dea0f-28c1-42d4-b7e7-ee62a8f0cbb1 Italy
Simplified SCIP	<p>a59e0bf4-74d2-4118-9295-a3bcb24006f3 France</p> <p>2361ccd2-220c-4b41-8ce8-8ae55feb6312 Greece</p> <p>23925a74-ac6e-4fa6-93db-cb0ea8cb7872 Poland</p> <p>31aa6832-2609-41a6-8065-e098c9d0266d Hungary</p> <p>421742f8-277e-47bc-b74c-94907f27fb3e Estonia</p> <p>5d3b9af0-8429-4880-9e68-24be8d9ed785 Netherlands</p> <p>babeb77b-1f27-4d82-a200-b94de1f6465c Sweden</p> <p>ce47bf35-b952-4bdb-b94f-6121ffa1a8e5 Spain</p> <p>3ce91d8e-0cbf-4fcd-b1bb-955a2f073e7f Germany</p> <p>f3760a28-6a0f-41d3-9430-dfa67ce970a Germany</p> <p>dde011d0-c121-484d-97bb-4cf71864830e Poland</p> <p>7844c70a-7bab-40b8-8023-f00b739ad731 Sweden</p> <p>3ae9d58f-31e0-4862-86da-590ddced6450 France</p> <p>23925a74-ac6e-4fa6-93db-cb0ea8cb7872 Poland</p> <p>70ccb9e4-2a0a-4b81-b819-f2df5d8c6cd2 Poland</p> <p>70ccb9e4-2a0a-4b81-b819-f2df5d8c6cd2 Poland</p> <p>5d3b9af0-8429-4880-9e68-24be8d9ed785 Netherlands</p> <p>ae52bbc8-be7c-43e1-9873-257097cbbc63 Croatia</p> <p>9de5542a-7ac5-4373-a1f9-f6f8b454310c Belgium</p> <p>daebcdf7-6869-482e-9d25-2b001b63f2a7 Germany</p> <p>dde011d0-c121-484d-97bb-4cf71864830e Poland</p> <p>436b7301-e363-4569-8b18-3a1d4ddf2c06 Germany</p> <p>421742f8-277e-47bc-b74c-94907f27fb3e Estonia</p> <p>daebcdf7-6869-482e-9d25-2b001b63f2a7 Germany</p> <p>4e0e898f-adeb-4084-af8b-6674fa39e00b Germany</p> <p>0d4deb5b-0a09-4c4a-88bd-a6f91e95131e Denmark</p> <p>2361ccd2-220c-4b41-8ce8-8ae55feb6312 Greece</p> <p>4e0e898f-adeb-4084-af8b-6674fa39e00b Germany</p> <p>05e9392f-6a56-4a45-9391-0718f43dc54b Finland</p> <p>babeb77b-1f27-4d82-a200-b94de1f6465c Sweden</p> <p>0d4deb5b-0a09-4c4a-88bd-a6f91e95131e Denmark</p> <p>ea212793-4ea0-40f7-bcc4-897c77eccc1f Bulgaria</p> <p>a024906c-b290-4827-8230-9850ff3807f4 Norway</p> <p>436b7301-e363-4569-8b18-3a1d4ddf2c06 Germany</p> <p>9de5542a-7ac5-4373-a1f9-f6f8b454310c Belgium</p> <p>5f596209-0d81-4d9a-9189-53e7999bc33f Belgium</p> <p>31aa6832-2609-41a6-8065-e098c9d0266d Hungary</p> <p>a59e0bf4-74d2-4118-9295-a3bcb24006f3 France</p> <p>5f596209-0d81-4d9a-9189-53e7999bc33f Belgium</p> <p>ce47bf35-b952-4bdb-b94f-6121ffa1a8e5 Spain</p> <p>f3760a28-6a0f-41d3-9430-dfa67ce970a Germany</p> <p>7844c70a-7bab-40b8-8023-f00b739ad731 Sweden</p> <p>ae52bbc8-be7c-43e1-9873-257097cbbc63 Croatia</p> <p>484555e3-ec37-45f7-892f-6d814aa7e529 Hungary</p> <p>8089a230-d716-4d14-9960-13e1ec3bd884 Portugal</p> <p>c3c5b00e-9fde-4b02-a5dd-b34a451d3886 Czech Republic</p> <p>05e9392f-6a56-4a45-9391-0718f43dc54b Finland</p> <p>a024906c-b290-4827-8230-9850ff3807f4 Norway</p> <p>3ae9d58f-31e0-4862-86da-590ddced6450 France</p> <p>c3c5b00e-9fde-4b02-a5dd-b34a451d3886 Czech Republic</p> <p>ea212793-4ea0-40f7-bcc4-897c77eccc1f Bulgaria</p> <p>484555e3-ec37-45f7-892f-6d814aa7e529 Hungary</p> <p>3ce91d8e-0cbf-4fcd-b1bb-955a2f073e7f Germany</p> <p>8089a230-d716-4d14-9960-13e1ec3bd884 Portugal</p>

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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	Z1BPEFAE000A000000XX
EAN	8015644759452
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

## Dimensions

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

## Container Information

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	8015644759452

## Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0024

## Technical

Current Type	AC
Electrical Durability	U <sub>e</sub> =< 440 V 8000 cycle U <sub>e</sub> = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	100 W
Rated Current (I <sub>n</sub> )	800 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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 kA
Rated Service Short-	100 %

Circuit Breaking Capacity,  
in % of  $I_{cs}$

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) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 Touch LSI
Release Type	EL
Short-Circuit Performance Level	B
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

