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 PRODUCT-DETAILS

# E1.2N 1250 Ekip Hi-Touch LSIG 4p WMP

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**General Information**

Extended Product Type	E1.2N 1250 Ekip Hi-Touch LSIG 4p WMP
Product ID	1SDA072829R1
EAN	8015644766795
Catalog Description	E1.2N 1250 Ekip Hi-Touch LSIG 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 1250 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1250 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	31c0b5a4-4a3c-4aff-986f-80ed91830d63 Italy
Simplified SCIP	f1ed6bdc-cf7e-46fb-b512-ea397da9eda1 Germany 9f38fa70-c0e8-418b-a64d-2cf8b82ea6b2 Poland d1a55ed0-dc05-40f1-9589-25d1d91978d8 Greece db9f42ae-6cad-49b2-8c3a-38cbbd01fa37 Hungary 22b51567-de2c-454d-b8f0-cb73a3a9c15c Estonia 6a3b646f-b1ea-4ebe-a823-2f74197de63a Poland f595c0f9-49c0-4bb5-a8c2-1fdb80958e4d Sweden ad56c0bd-968a-4e24-b57d-f577fd52eadf Norway 0de372ae-82a2-4f16-a8c8-2d29dd494e6d France 906c924c-309e-4fa5-b43a-d97e028a8ed3 Germany be501e56-0e0c-43bc-ad61-249012f0c8fe Croatia 6019bbdd-a075-4141-acad-6e85fdb97f98 Poland d5bd13ec-da84-4b72-a9bb-f0d0be0acd02 Bulgaria ccedc451-cbae-4efe-b77c-aca99ed5f361 Portugal dcdba49f-7d76-43bb-b167-34c3fd6d9bc4 Denmark 68e44565-c6c8-4269-93de-6aaa73c53357 Finland e2b7ff34-c739-4104-a919-8a6acbf737ee Belgium 7bdad551-f0f2-42ff-9f70-7d2660b14d24 Sweden d57a774f-f366-4190-9c6f-c6936d32c7d1 Germany 94de6857-d7b5-46ec-bbd5-b975f912b43c Germany 165e27ea-bf26-43bf-a324-f70ef63169a3 Czech Republic 3f670664-909d-475f-b689-f1bae322945c Netherlands 052ee679-bd56-4915-805b-fa70bb56fb14 Hungary b3e8f03f-9546-4b8b-97a5-073f3b79e402 France 206e0206-5339-4149-b652-d6623117c6ed Spain dc1cac34-cb2b-4aba-8ee2-6c782a74e8f8 Belgium b514794d-43db-4d57-834a-5f72f7dca095 Germany

## Environmental

Environmental Information	9AKK108467A6707
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## Ordering

Order Code US and Canada	ZANREHAK200A000000XX
EAN	8015644766795
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
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### 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	8015644766795

### 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	Ue = < 440 V 8000 cycle Ue = 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	244 W
Rated Current (I <sub>n</sub> )	1250 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) 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 <sub>cu</sub> (I <sub>cs</sub> )	100 %
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 50 kA for 3 s 30 kA
Rated Ultimate Short-	(400 V AC) 66 kA

Circuit Breaking Capacity ( $I_{cu}$ )	(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 ( $I_u$ )	1250 A
Rated Voltage ( $U_r$ )	690 V
Release	Ekip Hi-Touch LSIG
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

