PRODUCT-DETAILS

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

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

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 (IT)
Simplified SCIP	87759095-9a96-4ce5-abb9-503a12aceef6 Germany (DE) 604ef066-06b7-4169-94bc-04ea6700c805 Norway (NO) 3e9521f7-f177-420c-88bf-44c8129098b9 Germany (DE) 3644e894-bb52-4626-bc61-e83b1c0f2a84 France (FR) 39354751-dcaf-4dd6-b665-83ab4addabe2 Portugal (PT) 72e11f67-d213-4a9e-9785-64d29e65935a Finland (FI) b45ea93e-3983-429d-9e6d-cc2ffc23fce0 Czech Republic (CZ) 26a4896c-e512-4d3f-a251-8cfb3c8822cb Croatia (HR) 37941a87-54b6-4361-b0a9-06ef49194f87 Netherlands (NL) 77a95632-65b1-475f-bd10-e2992d577054 Sweden (SE) 181bb596-51f9-437d-b9ae-89a8e8ec4db5 Germany (DE) 7c1d757f-09a7-41d2-a305-503767138860 Hungary (HU) 41f58f31-b4e8-4779-a840-2ed4f83b60cb Germany (DE) 79061cd8-8880-4c62-a18e-a38e8a6d3845 Bulgaria (BG) 37941a87-54b6-4361-b0a9-06ef49194f87 Netherlands (NL) 1d5fc1e5-e577-467d-8e7f-6f215e72c394 Poland (PL) e29cc0e0-7cb5-4735-8b2f-f969780322ab Belgium (BE) f9103ada-3662-4420-900c-9bd7234f6bcb Poland (PL) 39354751-dcaf-4dd6-b665-83ab4addabe2 Portugal (PT) 7bcef1d5-1921-4b57-aab2-7f86bdbeeadb Hungary (HU) 3ecfdee2-3cbd-4387-bf26-46d5e822acb3 France (FR) e29cc0e0-7cb5-4735-8b2f-f969780322ab Belgium (BE) 65804031-5e01-4bca-9947-873952166afb Spain (ES) 09dbb341-0324-4e2b-a2cf-2b68325bb0ef Sweden (SE) 3644e894-bb52-4626-bc61-e83b1c0f2a84 France (FR) fc6759b1-bc98-43e6-9ff7-7332b8439f87 Poland (PL) 181bb596-51f9-437d-b9ae-89a8e8ec4db5 Germany (DE) 77a95632-65b1-475f-bd10-e2992d577054 Sweden (SE) 41f58f31-b4e8-4779-a840-2ed4f83b60cb Germany (DE) f9103ada-3662-4420-900c-9bd7234f6bcb Poland (PL) 5babe153-89ff-41ba-b5fd-e6d4fddbdc02 Greece (GR) 3ecfdee2-3cbd-4387-bf26-46d5e822acb3 France (FR) a608a736-fa5c-4262-a150-388e4b0e0813 Estonia (EE) 65804031-5e01-4bca-9947-873952166afb Spain (ES) a608a736-fa5c-4262-a150-388e4b0e0813 Estonia (EE) b45ea93e-3983-429d-9e6d-cc2ffc23fce0 Czech Republic (CZ) 7c1d757f-09a7-41d2-a305-503767138860 Hungary (HU) 670b7119-3f76-43ac-bcac-924d4082e431 Belgium (BE) 72e11f67-d213-4a9e-9785-64d29e65935a Finland (FI) 26a4896c-e512-4d3f-a251-8cfb3c8822cb Croatia (HR) 1149a614-42cf-42bd-a2ce-a8460e345e53 Germany (DE) fc6759b1-bc98-43e6-9ff7-7332b8439f87 Poland (PL) 3e9521f7-f177-420c-88bf-44c8129098b9 Germany (DE) 1d5fc1e5-e577-467d-8e7f-6f215e72c394 Poland (PL) 7bcef1d5-1921-4b57-aab2-7f86bdbeeadb Hungary (HU) 5babe153-89ff-41ba-b5fd-e6d4fddbdc02 Greece (GR) 41455350-34d3-4c20-9b50-7f40a990b376 Denmark (DK) 670b7119-3f76-43ac-bcac-924d4082e431 Belgium (BE) 604ef066-06b7-4169-94bc-04ea6700c805 Norway (NO) 79061cd8-8880-4c62-a18e-a38e8a6d3845 Bulgaria (BG) 1149a614-42cf-42bd-a2ce-a8460e345e53 Germany (DE) 09dbb341-0324-4e2b-a2cf-2b68325bb0ef Sweden (SE) 87759095-9a96-4ce5-abb9-503a12aceef6 Germany (DE) 41455350-34d3-4c20-9b50-7f40a990b376 Denmark (DK)

Environmental

Environmental Information	9AKK108467A6707

Ordering

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Order Code US and Canada	ZANSEJAJ200A000000XX
EAN	8015644767181
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

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	8015644767181

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 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
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

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	(690 V AC) 50 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (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

Classifications

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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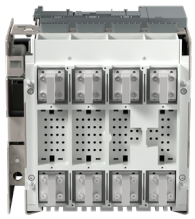
Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2



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