PRODUCT-DETAILS

E1.2N 630 Ekip Dip LI 4p WMP

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General Information

Extended Product Type	E1.2N 630 Ekip Dip LI 4p WMP
Product ID	1SDA072701R1
EAN	8015644765514
Catalog Description	E1.2N 630 Ekip Dip LI 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 630 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 630 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

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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	d95d3b24-fe04-41d5-af11-e2ab4f208526 Italy (IT)
Simplified SCIP	9d5c91c2-c878-43ec-b824-8bb55c771d39 Germany (DE) bb294572-e1ed-4f47-b653-da56162e9a55 Belgium (BE) d72e5ef7-3bc5-4872-93dd-f7c523584350 Sweden (SE) 8e8278fe-ff82-4051-8ff5-bddc36bb5c21 Portugal (PT) c15bea94-b77f-4f29-b386-355fad49f9e6 Bulgaria (BG) 7501547b-e2c5-4828-a7b3-a7103294206d Czech Republic (CZ) d35e36d8-1442-4779-8a8e-052346b32a88 Poland (PL) bb587a9d-ade5-47e3-bbf7-14257ff631f2 Poland (PL) 5194ef4d-1e0f-4c0b-9f18-05b64c2a07ff France (FR) 2a4525a8-a70c-4279-8dca-7b69be279eed Denmark (DK) 23beaa5f-6703-4c13-a361-8820510406eb Germany (DE) d547cc3f-601c-4e55-b00a-5a068ef797c0 Germany (DE) 4fda202e-5365-4bf1-9a54-421175c9ec17 Germany (DE) 3dc93d4c-6eb3-4590-870c-34300f32e1c6 Croatia (HR) 2964b187-4dee-49a5-8a30-bbfa6cfc2ef3 France (FR) cf873d9c-f663-4bbc-9640-b141fe8324c9 Belgium (BE) bf7e2ac6-a60d-4a85-8fbf-1a337c661b65 Germany (DE) 0c35d49a-0a91-47ab-8a87-25e56f881501 Greece (GR) bd4ecd2e-38fa-4ed4-8463-e71565cfec28 Netherlands (NL) cddd50d9-1f44-4008-a39d-0c268cce24c2 Finland (FI) 7176b43a-6672-437e-8ba7-dbe70ef66c26 Estonia (EE) 20efbab6-9d87-46d9-af91-14aa35922fa0 Sweden (SE) 37fdef2d-4d59-4e04-992a-13dad522b38b Hungary (HU) 771ed70d-632c-4179-8e83-99e43e22c428 Norway (NO) c7c78ae4-e057-422b-b8e5-aaec0fe0de26 Poland (PL) 174254bb-940f-4124-bed5-f7fce2359d83 Hungary (HU) caf37929-6f60-4c3c-bdf5-30777b3ba74b Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZANNEEAA000A000000XX
EAN	8015644765514
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

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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	8015644765514

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 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	62 W
Rated Current (I_n)	630 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 (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)	630 A

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Rated Voltage (U_r)	690 V
Release	Ekip Dip LI
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

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

Categories

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

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Subject to change without notice