PRODUCT-DETAILS

E1.2B 630 Ekip Hi-Touch LSIG 4p F F

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General Information

Extended Product Type	E1.2B 630 Ekip Hi-Touch LSIG 4p F F
Product ID	1SDA071339R1
EAN	8015644751890
Catalog Description	E1.2B 630 Ekip Hi-Touch LSIG 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG 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	a0e30b14-8eb1-470d-a58d-1384b140d7e0 Italy (IT)
Simplified SCIP	4a33bf74-6cd9-485a-8d38-ba63568039f3 Germany (DE) 0dfbc28f-4e2e-4a35-baab-59c1a80d25bb Hungary (HU) 4f2cebba-413a-4ee2-bff4-1eb57f44d7d5 Spain (ES) 5ca8c178-42c4-41b2-a6ec-aa04ee41ad36 Belgium (BE) b47c550c-3b80-47f7-af98-3a3fe45ac5f3 Sweden (SE) 809e2bfb-423c-46e4-bb31-05428f7b1e41 Portugal (PT) d7741677-e772-4b2b-87df-434f69141234 Poland (PL) 533759b9-27ab-413b-88a1-88e3a9483fb1 Poland (PL) 88d74197-0ca3-4dd8-8a1e-8ffd54152a97 Czech Republic (CZ) 88989f7e-160d-4824-8f9f-8be252e1aeaf Hungary (HU) d7dc7e2f-1953-4bbd-a083-f8b1d323c108 Poland (PL) b3aff4c5-0937-454b-9e2f-3348f9539e11 Norway (NO) 4140686d-383b-4cd2-a0d0-8aaa27ab0fda Greece (GR) c1dbd41c-377e-41e1-9b93-cdfe9f88fecb France (FR) c51885fb-4033-47c7-8aa3-712c1d3bd3f3 Finland (FI) 1d6937c2-0813-4c41-9fe1-27771b19f9dc Netherlands (NL) 1a2d3932-40ce-4a07-8df1-cacef21669d8 Estonia (EE) b506aabc-644d-473d-843c-b76adce48a2d Sweden (SE) 9d02d73f-ea09-414e-9245-f4e14f23bb15 Denmark (DK) d034636a-b026-40cb-810a-e5d3464bd08a Germany (DE) 57e3c332-8bbd-4f43-a64b-27ece965e781 Germany (DE) 875920ca-0100-401e-a219-07bb957caece Belgium (BE) f734b5b5-b608-493d-a4f9-61d7e87ea760 Bulgaria (BG) bb43253e-4b6b-4475-ac10-f610b303d60b Croatia (HR) 6bf8adce-b8ce-4013-9129-963ffe2c3842 France (FR) 8c000b08-82f3-40b9-b02a-d4d653e9c20d Germany (DE) 1d982ae1-a525-41ee-9a8b-9221870864f9 Germany (DE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZABNEEBK200A000000XX
EAN	8015644751890
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	16 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	18 kg
Package Level 1 EAN	8015644751890

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

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	31 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) 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-Circuit Breaking Capacity, in % of Icu (I_{cs})	100 %
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)	630 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	E1.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 N·m

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	1SDH000999R0101
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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