PRODUCT-DETAILS

E1.2B 630 Ekip Hi-Touch LSI 3p F F

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General Information

Extended Product Type	E1.2B 630 Ekip Hi-Touch LSI 3p F F
Product ID	1SDA070708R1
EAN	8015644745585
Catalog Description	E1.2B 630 Ekip Hi-Touch LSI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI 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	34c13e8b-37b2-4660-8689-a18a34fc494f Italy (IT)
Simplified SCIP	b05824a6-aad9-4e9d-96c5-845c239476d4 Poland (PL) a8db667f-7baf-4179-a18c-eac0e27bf822 Sweden (SE) 2bae2921-1cf8-4a51-bed5-075516ee048a Finland (FI) 989103fe-0b17-46fd-b41b-acf6f9b271f0 Denmark (DK) 75872ad8-0cbc-41de-bef5-52045afa236f Portugal (PT) 7e7c189c-4a77-4fb4-b343-b374d4fc1ff2 Germany (DE) 4497cb59-ffac-4933-9568-bdb7dc4f5e77 Norway (NO) 9f219d8a-fa03-441d-ba85-e2b8baaeee9c Belgium (BE) 2a14dc5d-0766-4e58-aa1a-43c1165b1773 Belgium (BE) 364cc871-7192-4671-8092-55e8f8a9df94 Germany (DE) 938c987b-4cf0-455b-839c-01209bad507d Bulgaria (BG) c5117865-8c81-4287-bae7-9500807d62d2 Greece (GR) 5ca59db2-2c92-46ae-a269-781381240511 Germany (DE) b95871b9-2606-444b-a25c-c8ad94233cd2 Croatia (HR) d52bd63d-7970-4a9e-89a4-9890424214c2 Poland (PL) 3b4a750d-0a47-4d0c-ae82-85c9f7d313ea Netherlands (NL) 1e2f70ef-d9d1-4451-9706-8c322d62bc74 Poland (PL) ef43fca2-34b4-4b7d-b645-26d8ee178aba France (FR) d9b74fa1-2e9b-4591-b8be-0a6727f1e975 Germany (DE) 1c793145-b531-4d9c-977f-e5032d9252c0 Hungary (HU) e1fe2592-ab14-45be-a0d3-f5123a31bdbd Sweden (SE) 0a83b364-4cc5-4093-b436-fe68e15d6799 Czech Republic (CZ) 1d5a2d83-d0ce-4a9e-a6b3-4c3da8ff7c20 Germany (DE) 6626f7d7-4037-4bbc-95c0-6f6433efdda9 Hungary (HU) d4255f1a-ef5f-4a58-81bc-134004089973 Spain (ES) ad6adb9c-f67c-4cf7-aa22-b91451f0aa2e France (FR) 06d95105-3cf7-42ec-8d3e-032943272976 Estonia (EE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z1BNEEBJ200A000000XX
EAN	8015644745585
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	box 1 piece

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Package Level 1 Width	270 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	8015644745585

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0001

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
Number of Poles	3P
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
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M10

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Driver	
Release	Ekip Hi-Touch LSI
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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