PRODUCT-DETAILS

E4.2H 3200 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E4.2H 3200 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071798R1
EAN	8015644756482
Catalog Description	E4.2H 3200 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2H 3200 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 3200 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	9d176fac-e423-4c28-be3f-ecdce558cc7d Italy (IT)
Simplified SCIP	29e835be-2467-404b-80b6-a316a5d8fe39 Germany (DE) 2fb1705c-ae7f-40d8-bba9-5d9c73685f1c Czech Republic (CZ) 90efdeb2-b283-4983-9e03-38d13d88e73f Hungary (HU) e92baac9-a576-434b-976b-6d327b3f5848 Norway (NO) 141df488-3458-49b1-baeb-61b6bedb3bcf Poland (PL) a871fbc2-9b5b-46a3-90c9-2ff87ed23518 Croatia (HR) 7aeba3ba-99e2-407a-b8e2-233261148760 France (FR) 687ded11-f7e4-4955-97b8-8ee98b36dd1b Germany (DE) a848bb63-dca6-4184-b027-39f03a3c9a4e Denmark (DK) b275fb27-e01a-4e1b-8c84-891ed735034d Germany (DE) 0c399ff1-cf11-48c5-b80a-1eeffeca1805 Netherlands (NL) a1c9b47c-e98a-42d3-b2b6-cd39968bd176 Greece (GR) 0eb2a150-e92a-4360-ab02-a24e6aee0a47 Estonia (EE) 789d1956-e40f-4cc9-91fa-0b2854fc8de2 France (FR) d2bde273-90ec-40d7-9436-c03b86ea1a2e Finland (FI) 25b6adb0-8705-4db2-94dc-40d7e4175929 Belgium (BE) 4b806aef-e9c6-4807-8b7f-aa8b7c3357d2 Sweden (SE) 5806c60e-b35c-431d-b979-fb55e7a91662 Germany (DE) e39437fa-171f-4c4d-a04f-95c3bc7f7389 Germany (DE) 66afbb2e-54a1-4fa3-9142-e3743982684d Portugal (PT) d468ca6d-b1e4-4d75-a7a2-8455609222e8 Bulgaria (BG) 5cf882a8-ebd6-44e1-85c3-521c77f7ab87 Sweden (SE) 3f37c7f2-59bf-464e-a343-b22e7f8e1e67 Poland (PL) 082e5152-4d8d-4c56-85ce-0b672d0fc8cc Poland (PL) d8c8c7ce-4135-496d-a2b3-4ae5d0901b1b Belgium (BE) 32dc418a-bb68-4487-83a0-f74d76947956 Spain (ES) 01a1bf07-5fd9-4d7b-8f16-b039db5822f5 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCHVENBJ200A000000XX
EAN	8015644756482
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	70 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	785 mm
Package Level 1 Gross Weight	77 kg
Package Level 1 EAN	8015644756482

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Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0197

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	425 W
Rated Current (I_n)	3200 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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 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 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u)	3200 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E4.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m

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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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
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	4. Large Equipment (Any 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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