PRODUCT-DETAILS

E4.2H 3200 Ekip Hi-Touch LSI 3p F HR

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General Information

Extended Product Type	E4.2H 3200 Ekip Hi-Touch LSI 3p F HR
Product ID	1SDA071168R1
EAN	8015644750183
Catalog Description	E4.2H 3200 Ekip Hi-Touch LSI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2H 3200 FIXED THREE-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	0081b6af-bb9a-4545-b784-6beac340cbb3 Italy (IT)
Simplified SCIP	558d7840-f89b-4071-96a3-1d93ac0d4d18 Germany (DE) 5caca8d8-07a4-42e5-8d1d-a31fbb3dde35 Czech Republic (CZ) 963997c0-fe7f-4c38-b97f-67a251fe4938 Poland (PL) dbce0f2d-d408-4eaf-9726-6def8d01b25f Belgium (BE) 3ec6fbf0-05b2-42bf-a0a0-5e9cea6ed6f5 Spain (ES) 984bd10e-9a38-46b0-b50a-56b0ba43575f Hungary (HU) dcac45f6-5119-4886-ab0c-76e459f3eb58 Poland (PL) a43ac286-dd79-484d-b096-8e574dc05193 Norway (NO) 38825382-145a-4792-9bd9-a561f74f0332 Hungary (HU) ace50abb-0602-45c1-9488-41d9f0370d7b France (FR) 9a6fec40-938b-48f9-8c16-a9a0ed406422 Bulgaria (BG) 898bca06-53a0-4dfc-a346-d1c68bd222a9 Croatia (HR) 6b10387f-4d7a-48f1-924c-3205978bb90a Germany (DE) 5adbb66d-0508-4fbf-9836-6e666d7d13a8 Denmark (DK) 7ce99018-f9fe-4803-a77d-1d705b48f204 Germany (DE) 45595d21-016a-46d0-a477-0543deef96ab Germany (DE) 6dd8d621-729f-461e-897d-a926db8b7cad Germany (DE) 60720b31-695e-4425-aada-45db5236bd2f Belgium (BE) 67d567a5-4ea5-4918-98e8-b87cbe03daf6 Sweden (SE) fec30ed5-f041-4563-be5c-c3fc800c660a Estonia (EE) 916a663b-d4a1-40a4-a03d-c64699246d21 France (FR) b332e3f6-73fb-44ab-939a-01211841e50f Netherlands (NL) aa4c6c3a-e696-45d4-893b-588c3a166f4c Finland (FI) 9b9bb036-2953-4778-b669-ecdacb01af00 Greece (GR) 4d3f7268-9b33-466c-8d62-df218339f69a Portugal (PT) 3e99ae19-09df-48cf-8581-30ebeca450cd Sweden (SE) d0478e7c-ea92-4fab-ae6c-7dd5cea88f86 Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z4HVENBJ200A000000XX
EAN	8015644750183
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	384 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	56 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	615 mm
Package Level 1 Gross Weight	63 kg
Package Level 1 EAN	8015644750183

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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	1SDH001252R0171

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
Number of Poles	3P
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	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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