



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
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 79.3 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

End of Life Instructions	9AKK108468A2363
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1904
	9AKK108468A1910

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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)

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

Additional Information	
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	3
Power Loss	425 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of Icu (Ics)	100 %
Rated Current (In)	3200 A
Rated Voltage (Ur)	690 V
Rated Impulse Withstand Voltage (Uimp)	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (Ui)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (Ics)	(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 Short-time Withstand Current Low Voltage (Icw)	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (Icu)	(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 (Iu)	3200 A
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
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt

Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0171

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 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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

