



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

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
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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	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) 66afb2e-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)

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

Additional Information

Current Type	AC
Electrical Durability	U _e ≤ 440 V 7000 cycle U _e = 500 ... 690 V 7000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% I _u])	100 %
Number of Poles	4
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 I _{cs}	100 %
Rated Current (I _n)	3200 A
Rated Voltage (U _r)	690 V
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 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
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	1SDH001252R0197

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	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

