



PRODUCT-DETAILS

E4.2H 4000 Ekip Hi-Touch LSIG 4p F HR

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General Information	
Extended Product Type	E4.2H 4000 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071849R1
EAN	8015644756994
Catalog Description	E4.2H 4000 Ekip Hi-Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2H 4000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 4000 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

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	e840a757-79d4-433c-becb-befef0cf5de5 Italy (IT)
Simplified SCIP	3c752492-6780-43a9-ab90-7df5336a33b9 Germany (DE) b7693a2b-9e1e-4c2b-b76c-c1ea553e1888 Bulgaria (BG) a790348d-a32b-4663-a693-94dd9b75abd9 Poland (PL) 2d30d583-8b5f-43e5-944d-a705503d1f17 Poland (PL) 7f94984a-d7c9-49fd-88d3-b57eaa478315 Portugal (PT) ed469b8b-48fd-4eeb-9df9-b38180a75b43 Sweden (SE) 77d2a5ad-a697-4281-92bb-ceb9ae12db96 Norway (NO) 07622b67-f6b9-42e8-8e67-0999710371f6 Poland (PL) 4668af59-b224-4959-9564-deeda1c7f11b Hungary (HU) 20d79be9-dcba-4744-b67e-377814986f4d Czech Republic (CZ) f4813d70-46ea-4395-a1e7-0f4842085892 Denmark (DK) df611ba4-8860-4c5e-9e20-d1051664b8c3 Germany (DE) 705ef5b9-cde7-4c48-a1f6-c682d51d352e Germany (DE) 0eed01c8-043d-4231-be7d-980670ee308d Germany (DE) 38e9b6f6-85d6-46c9-a9fc-5fe14f601d30 Germany (DE) ad1d749d-cfb7-4563-b55a-fc385522fbd0 Estonia (EE) 3ebc82e7-7054-4f21-96af-9503f2eb0b0f Belgium (BE) dc19277e-7a04-486d-b846-3894506dff20 Sweden (SE) e4dc5840-1e13-40db-a6e3-b58fbb996be6 Netherlands (NL) 77a2a1eb-77b7-4a71-923d-7b7608de45d3 Finland (FI) 87aac934-fe62-4f1c-ad41-5359f0352393 Greece (GR) 9eea0471-2012-4cbe-919c-afd705ba777d France (FR) caa2c70e-04a7-4296-848e-7eeea29b4fe2 Croatia (HR) 037a6307-9348-407e-b486-e6c1ed1c6a55 France (FR) 330b7d53-9a8c-47ab-ac22-83e96bf27b44 Hungary (HU) cbb5c1cb-9666-419f-a956-f97c37f8ccf8 Belgium (BE) 8eb525a4-9e53-49f4-97d9-61726f0db277 Spain (ES)

Ordering

Order Code US and Canada	ZCHWERBK200A000000XX
EAN	8015644756994
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	8015644756994

Additional Information

Current Type	AC
Electrical Durability	U _e ≤ 440 V 5000 cycle U _e = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability	15000 cycle 60 cycles per hour
Neutral Pole Current ([% I _u])	100 %
Number of Poles	4
Power Loss	465 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)	4000 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 75 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)	4000 A
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
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
Object Classification Code	Q
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

