



PRODUCT-DETAILS

E2.2H 1600 Ekip Hi-Touch LSI 3p F HR

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General Information	
Extended Product Type	E2.2H 1600 Ekip Hi-Touch LSI 3p F HR
Product ID	1SDA071018R1
EAN	8015644748685
Catalog Description	E2.2H 1600 Ekip Hi-Touch LSI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 1600 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1600 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 - 79.1 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

End of Life Instructions	9AKK108468A2361
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	9AKK108468A1902
	9AKK108468A1909

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	b8ec32ba-1a7a-465a-8946-4fd3eb07e23f Italy (IT)
Simplified SCIP	6224b482-17ff-4506-8a9c-fc1f59b9e821 Germany (DE) aec6b11e-c4a7-4425-8db9-497687722213 Poland (PL) e746360d-4ebe-4ba1-9d60-26fd57eba97e Portugal (PT) 33dcd7ad-d698-48ee-b64b-6371f8b49b25 Sweden (SE) d2618f69-9f45-467a-844c-5acfdc16a331 Hungary (HU) c65e4164-6287-474f-9a2d-120928c30195 Belgium (BE) d42fab26-ba0b-454c-b4a2-762a6a6028a3 Spain (ES) 804e57c4-d27c-49d0-8b53-bcf206981b7b Hungary (HU) 0a0eed7e-df34-41a5-8496-d33fe1b49ebd Norway (NO) bd4ecc7e-ead2-4271-b4c8-a5d6b62f9926 Netherlands (NL) 616137e7-15d1-4793-ab78-8ff6347bbc58 Poland (PL) abb65f00-91c8-4660-bb55-776b2b0894db France (FR) a4445d5a-1934-44f4-9672-ec7179d004ec Finland (FI) 9d541959-d0a2-4d5b-8eca-bc20825e9320 Bulgaria (BG) c8727551-76b9-4f7d-a944-ec8c54c2f11e Germany (DE) 465d6568-69a2-4f20-90cb-39f6778aa02b Greece (GR) 26434299-101c-446e-add0-ad98d91fbfa7 Estonia (EE) b33a470a-769d-45c2-8cb2-cde3e2ab1338 Sweden (SE) b4cf6754-ff63-479e-a35b-14453dcd23fd Belgium (BE) 6ea00362-1f89-4f38-83dd-e13179927267 Germany (DE) b40eed49-2f2e-4f39-8ac4-c9843d46139c Denmark (DK) d5eaeac3-fc25-4e7e-b414-8ec1c249dad8 Croatia (HR) f68a9f99-ce8a-4ff6-8b90-7575b22a1897 Germany (DE) 25d07c7c-fff4-4d2f-9c1a-a3374617fc79 France (FR) 61024a4d-951c-46b9-b154-a088729ce690 Germany (DE) 190ecd05-b372-4448-94ff-4d2e6a618746 Czech Republic (CZ) 2c2d4d55-7954-49cb-99f9-7c47bc342502 Poland (PL)

Ordering

Order Code US and Canada	Z2HSEJB200A000000XX
EAN	8015644748685
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 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	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644748685

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	136 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)	1600 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)	1600 A
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E2.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt

Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0083

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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
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

