



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2361
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	b8ec32ba-1a7a-465a-8946-4fd3eb07e23f Italy
Simplified SCIP	6224b482-17ff-4506-8a9c-fc1f59b9e821 Germany aec6b11e-c4a7-4425-8db9-497687722213 Poland e746360d-4ebe-4ba1-9d60-26fd57eba97e Portugal 33cd7ad-d698-48ee-b64b-6371f8b49b25 Sweden d2618f69-9f45-467a-844c-5acfdc16a331 Hungary c65e4164-6287-474f-9a2d-120928c30195 Belgium d42fab26-ba0b-454c-b4a2-762a6a6028a3 Spain 804e57c4-d27c-49d0-8b53-bcf206981b7b Hungary 0a0eed7e-df34-41a5-8496-d33fe1b49ebd Norway bd4ecc7e-ead2-4271-b4c8-a5d6b62f9926 Netherlands 616137e7-15d1-4793-ab78-8ff6347bbc58 Poland abb65f00-91c8-4660-bb55-776b2b0894db France a4445d5a-1934-44f4-9672-ec7179d004ec Finland 9d541959-d0a2-4d5b-8eca-bc20825e9320 Bulgaria c8727551-76b9-4f7d-a944-ec8c54c2f11e Germany 465d6568-69a2-4f20-90cb-39f6778aa02b Greece 26434299-101c-446e-add0-ad98d91fbfa7 Estonia b33a470a-769d-45c2-8cb2-cde3e2ab1338 Sweden b4cf6754-ff63-479e-a35b-14453dcd23fd Belgium 6ea00362-1f89-4f38-83dd-e13179927267 Germany b40eed49-2f2e-4f39-8ac4-c9843d46139c Denmark d5eaeac3-fc25-4e7e-b414-8ec1c249dad8 Croatia f68a9f99-ce8a-4ff6-8b90-7575b22a1897 Germany 25d07c7c-fff4-4d2f-9c1a-a3374617fc79 France 61024a4d-951c-46b9-b154-a088729ce690 Germany 190ecd05-b372-4448-94ff-4d2e6a618746 Czech Republic 2c2d4d55-7954-49cb-99f9-7c47bc342502 Poland

Environmental

Environmental Information	9AKK108467A6707
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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

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0083

Technical

Current Type	AC
Electrical Durability	U _e ≤ 440 V 12000 cycle U _e = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	136 W
Rated Current (I _n)	1600 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 I _{cu} (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)	1600 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	E2.2
Suitable for IT Networks	Yes, 690V

Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m

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

External Classifications and Standards

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

