



 PRODUCT-DETAILS

E2.2H 1600 Ekip Touch LSIG 3p F HR

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General Information

Extended Product Type	E2.2H 1600 Ekip Touch LSIG 3p F HR
Product ID	1SDA071016R1
EAN	8015644748661
Catalog Description	E2.2H 1600 Ekip Touch LSIG 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/TOUCH-LSIG R 1600 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	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2361

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1902
9AKK108468A1909

Environmental

Environmental Information 9AKK108467A6707

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 9e5cbd43-8fb6-48e1-87cd-5dc8217a7ed5 Italy (IT)

Simplified SCIP

40f135ac-e0dc-455a-9d19-abe2c66f251d Germany (DE)
 cbbf5660-8aec-4f9d-bd93-65424b50f482 Czech Republic (CZ)
 5eec0a7b-1b8a-4597-b0d2-f2f478a84612 Poland (PL)
 3a621390-ded4-4f1c-841c-6e0288708bcc Poland (PL)
 a12322e9-7240-4516-b932-a048a617ecc2 Sweden (SE)
 20d143b6-24c8-42de-80c2-9e119a9ec66e Portugal (PT)
 96e160e5-08d1-40c6-bf96-287f4cafbf53 Germany (DE)
 08d5b93e-6d01-4b99-af21-b3acb89fa4bc Germany (DE)
 26f21a60-8d6d-45e1-9f33-36bf27343e50 Estonia (EE)
 ac293c58-794e-49c0-a775-f5cabffe41cc Sweden (SE)
 b2d4066f-3e86-44c0-9c78-7bb72a5fca8a Netherlands (NL)
 62a6762e-af58-4cdc-9377-b109d5eac976 Finland (FI)
 501536a2-042a-4cf6-8e86-9270988b32f1 France (FR)
 66ec730b-6b23-4d90-8a49-c8c2e67b476d Germany (DE)
 b334c2f4-86b9-4b81-8fa5-07ef5e9d3dba Denmark (DK)
 a74f6877-11ff-4720-b29b-804dc13107c6 Germany (DE)
 7ab8f0c3-a583-45a0-96b7-5f64e1e73fb9 Bulgaria (BG)
 32f24a6a-f419-4096-afa2-2962fe43c208 Hungary (HU)
 cecbb30a-74df-4350-93a1-5251a8bdc2ba Poland (PL)
 15f57b43-b133-48b3-b251-ea357c32226e Norway (NO)
 5796e567-fb2a-414a-b8f9-62cf125d3722 Hungary (HU)
 52512f79-1ac0-4d65-86f7-0b1528842155 Spain (ES)
 c9527207-a4d6-47f6-9f5e-a1d4c2336fd8 Belgium (BE)
 f3512ede-9632-4c68-b8e0-78a46ff7d740 France (FR)
 05a9b3a8-84be-45bd-8415-3186be21907c Croatia (HR)
 2a7c92c7-d771-49db-b7e9-9ee7bb2b00b6 Belgium (BE)
 37889732-ab93-4f52-acf0-ce7977b39cab Greece (GR)

Ordering

Order Code US and Canada Z2HSEJBF000A000000XX

EAN 8015644748661

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	8015644748661

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	3
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	100 %

Capacity, in % of I _{cs}	
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 Touch LSIG
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

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 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

