



PRODUCT-DETAILS

E2.2S 2500 Ekip Touch LSIG 4p F HR

E2.2S 2500 Ekip Touch LSIG 4p F HR



General Information	
Extended Product Type	E2.2S 2500 Ekip Touch LSIG 4p F HR
Product ID	1SDA071706R1
EAN	8015644755560
Catalog Description	E2.2S 2500 Ekip Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2S 2500 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 2500 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	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

Product acc. to EN45555

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	59b043de-92aa-4d79-b705-e316dd72db8b Italy
Simplified SCIP	3a7bd26e-8a0c-401e-9590-aa942219383a Germany 490124b5-fa2d-40ef-ba7b-14bcbe70ed2d Poland 05c4dc27-1e7d-47e6-bbdc-36353fa1bd72 Czech Republic 7c088f80-c02e-4f4a-b5b5-0b6569080250 Poland 9617c2fe-99ed-4ce6-a15f-718dd1b346fc Portugal 223c051b-1ad0-4f71-ae0a-8f6fae34fe92 Sweden 5e9e97dc-176b-4f54-82b3-ebfd06130162 Poland d57fde10-b0e5-4ad0-9d12-47bb721cb449 Norway 0f914f96-46cd-42b5-8861-aa853a6833f1 Hungary ef38d03d-0625-4e30-b995-6fefe9eb4a0e Sweden 142a1aa0-a0cb-4f64-9595-a45ce82d562a Estonia b43b77f3-7c26-4c7a-931a-6ae9321f5514 Netherlands f3314b93-65cb-4cf2-abbf-781a5d0676a6 Finland 79e10286-6325-4f00-b19e-8c65c15a7115 France a7bf3ed2-55ff-476f-bd6f-474f1cd7d5b9 Greece 82e1e544-96de-441f-9d46-4b42a3fe1587 Denmark ea58df20-8e68-4e7a-971d-3dd63bf8e621 Germany dbb213fa-9a99-4f05-9adc-39dbbc4038a2 Germany 0a67407f-84cc-40b8-bd1e-61dbbe749032 Belgium Od21afb0-4e14-4609-afd8-7ad27cc70c85 Bulgaria f3d5b044-3df3-4c5d-a32a-4fafbf94cd6c France 51eed759-b5e1-43ce-8914-1fef526584dd Croatia 10bdb1d3-8cf9-465d-a131-824c7692153d Germany 30dcc3d8-ac8d-4a8b-bb19-d8f07234c953 Germany 32b49cf7-dbeb-4fb6-a638-0dd91c94caa6 Belgium e7004a07-9621-474a-bf81-099e9eaadfc2 Spain 7eafc361-6322-47c2-ac59-5a1e4dc88732 Hungary

Environmental

Environmental Information	9AKK108467A6707
---------------------------	-----------------

Ordering

Order Code US and Canada	ZBSUELBF000A000000XX
EAN	8015644755560
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm

Product Net Weight	53 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	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644755560

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue ≤ 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4P
Power Loss	267 W
Rated Current (I _n)	2500 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 kA
Rated Ultimate Short-	(400 V AC) 85 kA

Circuit Breaking Capacity (I _{cu})	(415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u)	2500 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LSIG
Release Type	EL
Short-Circuit Performance Level	S
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

