



PRODUCT-DETAILS

E2.2B 1600 Ekip Hi-Touch LSIG 3p F HR

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General Information	
Extended Product Type	E2.2B 1600 Ekip Hi-Touch LSIG 3p F HR
Product ID	1SDA070989R1
EAN	8015644748395
Catalog Description	E2.2B 1600 Ekip Hi-Touch LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2B 1600 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC Ekip/HI-TOUCH-LSIG 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	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	eb7feea5-9751-458d-8ad2-2f63c31b0c39 Italy
Simplified SCIP	a8793a2e-6a41-4858-918f-0a97b628917a Germany e1db96b3-5492-46c9-ae1c-9a32cfdecbcf Hungary 86597123-1e27-4c84-8e03-ea4803b54259 Belgium 4545fc80-6fc9-429f-8292-454476ea1cc0 Spain 69356f5b-b697-499d-8179-dba5f58a5188b Croatia 1a4cd8ef-39fe-4cc6-934f-25395fa79318 France f3683179-729b-4c85-8fe7-16ad0aea9c94 Bulgaria 75bd7e9a-af34-41a3-8327-92ba501082d7 Germany e86db012-e385-46ec-8fda-a38f38951a40 Germany 2a675041-a659-41a6-8d4f-85a4c5738a21 Estonia 538a17bf-00d9-485d-9034-2564ca9b8539 Germany eb2c05ab-6090-4100-bf53-5efc3b3939f2 Germany 12d7c73a-f48a-4346-bf9d-9212112e148e Denmark 4bd7cc76-55e5-4812-82fd-c72e322590b1 Sweden a835f983-de3a-4de4-b091-98e5d06e9b7b Netherlands d4e7bf9b-072a-451a-9a9e-8312884c8b7a Finland 6ebd6feb-64d9-499b-b4b5-ceaf27966be1 Greece baf10d4d-a262-4a55-8ca0-0556d99f9872 Belgium 3b144dd9-fb2b-45fb-b678-2d32f43298d3 Hungary dc61e717-fc94-453e-b8cf-83ce746e6d67 France 3d3e76b4-9125-4346-9f6b-c3ea98d9e37f Poland d7320a1a-1ca3-498c-b720-9776c12ae0f4 Norway 9d6603c2-a8ca-458b-9db4-b69b8b5b31e1 Poland 6861973e-4676-4928-93d7-47b27372581c Sweden 319e9960-06d7-4d9c-ad99-510cc417547d Czech Republic 7e099766-9d02-4cd6-aeb2-5e28f8277a7a Poland 5c2224b0-a1ea-46e8-9399-bd2a3a8e534a Portugal

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	Z2BSEJBK200A000000XX
EAN	8015644748395
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
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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	8015644748395

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	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	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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA

Rated Uninterrupted Current (I _u)	1600 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	B
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

