



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

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Principles Recyclability Rate	
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)	
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	eb7feea5-9751-458d-8ad2-2f63c31b0c39 Italy (IT)
Simplified SCIP	a8793a2e-6a41-4858-918f-0a97b628917a Germany (DE) e1db96b3-5492-46c9-ae1c-9a32cfdecbcf Hungary (HU) 86597123-1e27-4c84-8e03-ea4803b54259 Belgium (BE) 4545fc80-6fc9-429f-8292-454476ea1cc0 Spain (ES) 69356f5b-b697-499d-8179-dba58a5188b Croatia (HR) 1a4cd8ef-39fe-4cc6-934f-25395fa79318 France (FR) f3683179-729b-4c85-8fe7-16ad0aeafc94 Bulgaria (BG) 75bd7e9a-af34-41a3-8327-92ba501082d7 Germany (DE) e86db012-e385-46ec-8fda-a38f38951a40 Germany (DE) 2a675041-a659-41a6-8d4f-85a4c5738a21 Estonia (EE) 538a17bf-00d9-485d-9034-2564ca9b8539 Germany (DE) eb2c05ab-6090-4100-bf53-5efc3b3939f2 Germany (DE) 12d7c73a-f48a-4346-bf9d-9212112e148e Denmark (DK) 4bd7cc76-55e5-4812-82fd-c72e322590b1 Sweden (SE) a835f983-de3a-4de4-b091-98e5d06e9b7b Netherlands (NL) d4e7bf9b-072a-451a-9a9e-8312884c8b7a Finland (FI) 6ebd6feb-64d9-499b-b4b5-ceaf27966be1 Greece (GR) baf10d4d-a262-4a55-8ca0-0556d99f9872 Belgium (BE) 3b144dd9-fb2b-45fb-b678-2d32f43298d3 Hungary (HU) dc61e717-fc94-453e-b8cf-83ce746e6d67 France (FR) 3d3e76b4-9125-4346-9f6b-c3ea98d9e37f Poland (PL) d7320a1a-1ca3-498c-b720-9776c12ae0f4 Norway (NO) 9d6603c2-a8ca-458b-9db4-b69b8b5b31e1 Poland (PL) 6861973e-4676-4928-93d7-47b27372581c Sweden (SE) 319e9960-06d7-4d9c-ad99-510cc417547d Czech Republic (CZ) 7e099766-9d02-4cd6-aeb2-5e28f8277a7a Poland (PL) 5c2224b0-a1ea-46e8-9399-bd2a3a8e534a Portugal (PT)

Ordering

Order Code US and Canada	Z2BSEJBK200A000000XX
EAN	8015644748395
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
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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	8015644748395

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) 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 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
Recommended Screw	Main Circuit M12

Driver	
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	B
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

