



 PRODUCT-DETAILS

E1.2N 1000 Ekip Touch LI 3p F F

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General Information

Extended Product Type	E1.2N 1000 Ekip Touch LI 3p F F
Product ID	1SDA070804R1
EAN	8015644746544
Catalog Description	E1.2N 1000 Ekip Touch LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1000 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 1000 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 - 76.4 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2360

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
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Environmental

Environmental Information	9AKK108467A6707
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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	7f709572-a7c0-4071-89fa-34d541e4aa13 Italy (IT)
Simplified SCIP	36cd8621-d2c3-4d14-a7b0-47057af1409c Finland (FI) 501c16b2-492e-4c41-af75-ef33d6209d2c Germany (DE) ff54aec9-ffe4-48f5-b23f-b02c3d9f9d98 Poland (PL) a5f989a3-8869-4a91-b9c8-d05eb83efce0 Germany (DE) d9f5cae4-d942-4a50-9a1c-d4bc6bc974e4 Denmark (DK) b80b1a78-05ad-4e90-b016-dee96ff44832 Estonia (EE) fafdc0f2-eadc-407a-a113-9966111fab7 Bulgaria (BG) ce1816b5-27f3-4065-b8fc-be5b0733787f Norway (NO) f6e69594-9c5d-41aa-afe3-c3cf61fc25d6 France (FR) dfebd632-71f2-4842-b4ce-cfcc9cdbcdfa Spain (ES) abeeb594-1eb8-4daf-a893-d4e5c897d0f3 Belgium (BE) 64f91fdd-b077-4896-a7ec-1ea049ff607d Hungary (HU) fc6cf0ae-3955-46e7-a4c1-3e506924d705 Sweden (SE) a070ec68-38b7-4fb6-aa3e-d71b46e013ee Netherlands (NL) 3a7039ef-2273-4e05-bc64-a93136cd557e Greece (GR) 2af8f37b-31b6-4a10-9c34-74cdc09f56aa Sweden (SE) 4fcc7423-e127-410f-9d42-a70d11914dec Germany (DE) e669e62c-fa1c-46c5-af42-ae4e304e0ee6 Germany (DE) db528965-e57d-40d5-bcb1-ac050fdec5be Czech Republic (CZ) d35dd1e0-d7ff-4be0-980c-05fd42a2d31d Poland (PL) 3f6e01fa-4fc8-4bc3-8c42-a15177e3d71f Portugal (PT) bfa3b554-c1b0-4610-ad42-b763993690b0 Belgium (BE) 6a82eef9-13ef-494d-af12-6f5f63ab7480 Hungary (HU) 4bce12f9-c49f-4fa1-8d55-4b874da23df0 Poland (PL) ae9b5190-dbbd-4d42-a898-1dc91e19effb France (FR) b7320fa9-b7b7-4a2e-a3ca-b7e0df0e6490 Croatia (HR) 90f2a011-c576-4f8b-b5c7-cad0d37cfc17 Germany (DE)

Ordering

Order Code US and Canada	Z1NQEGBD000A000000XX
EAN	8015644746544
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	8015644746544

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0001

Technical

Current Type	AC
Electrical Durability	Ue = < 440 V 8000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	78 W
Rated Current (I _n)	1000 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) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 50 kA (660 V AC) 50 kA (690 V AC) 50 kA
Rated Service Short-Circuit Breaking	100 %

Capacity, in % of I _{cs}	
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 50 kA for 3 s 30 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 50 kA
Rated Uninterrupted Current (I _u)	1000 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E1.2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 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	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002
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

