



PRODUCT-DETAILS

E1.2B 1000 Ekip Touch LI 4p F F

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General Information	
Extended Product Type	E1.2B 1000 Ekip Touch LI 4p F F
Product ID	1SDA071414R1
EAN	8015644752644
Catalog Description	E1.2B 1000 Ekip Touch LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 1000 FIXED FOUR-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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2360
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

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	951d05db-89f9-4fdd-aad3-f02a492ef2c7 Italy
Simplified SCIP	470788ba-0724-4a26-99e7-ba9513258a7e France 17465237-3be6-4260-86ae-3f6cce009619 Finland 1f08ac49-b26f-4bfb-ad56-73d29748906e Germany 679d2599-1730-425c-bda6-64ad5be9adfe Norway 679d2599-1730-425c-bda6-64ad5be9adfe Norway 766990d6-20c3-4fae-80f1-1e518b8f96fc Germany 1473eae8-38aa-419f-a028-1541b12a76e0 Croatia ad8b1f7d-4dfd-448f-879a-d5a3f2392006 Portugal 7864adc5-d112-446f-9862-a8d505c988de Poland bddca5d3-009f-48cd-bf3a-30f35c9ed7ce Netherlands 0141c697-d354-48d2-9cdc-ae7fadaa74a0 Poland 96b552e7-f3b2-4090-858a-9469746c41c1 Belgium deee2671-c3ea-4676-bed7-46f11e9010bd France 7129cc31-b338-411d-8757-f12c0439dba9 Hungary 56f1c606-691c-41f2-a0ec-17eabfec91a4 Spain fd9a15cc-380d-4177-9391-8439a4a63b87 Greece 3fb5149c-28be-44e7-86b0-35f368e4686a Sweden 5d3afa14-50f0-4bb0-882c-55afce8243bb Bulgaria c64e15d0-40cc-4a38-9ad3-ae1e60894a9c Poland 3fb5149c-28be-44e7-86b0-35f368e4686a Sweden 470788ba-0724-4a26-99e7-ba9513258a7e France 56f1c606-691c-41f2-a0ec-17eabfec91a4 Spain fd9a15cc-380d-4177-9391-8439a4a63b87 Greece 4c1c66ac-16a1-4287-926a-fe92fbaf3fb4 Germany 016b1225-d1b9-44d2-8097-0432e9f684ef Sweden f817b5c8-89d7-4bf9-afd9-b43e9e28ee9c Estonia deee2671-c3ea-4676-bed7-46f11e9010bd France bddca5d3-009f-48cd-bf3a-30f35c9ed7ce Netherlands 7129cc31-b338-411d-8757-f12c0439dba9 Hungary 745ade11-3660-4353-9328-4b3fbbbc0e10 Hungary 1f08ac49-b26f-4bfb-ad56-73d29748906e Germany 929225a7-c7ee-44d3-b53c-4e975c9aa4c1 Denmark c64e15d0-40cc-4a38-9ad3-ae1e60894a9c Poland 9bd2efbf-3f7e-4fb0-a58b-433293f63fae Germany 51841757-e388-4d18-b275-e18ea843fb2d Germany 1473eae8-38aa-419f-a028-1541b12a76e0 Croatia 0141c697-d354-48d2-9cdc-ae7fadaa74a0 Poland 46a1f768-64d0-4937-8736-87ebb35b9219 Belgium 7864adc5-d112-446f-9862-a8d505c988de Poland 016b1225-d1b9-44d2-8097-0432e9f684ef Sweden 766990d6-20c3-4fae-80f1-1e518b8f96fc Germany 929225a7-c7ee-44d3-b53c-4e975c9aa4c1 Denmark 9bd2efbf-3f7e-4fb0-a58b-433293f63fae Germany 96b552e7-f3b2-4090-858a-9469746c41c1 Belgium 51841757-e388-4d18-b275-e18ea843fb2d Germany 2548f3c0-5584-4fe2-9ec7-9af0a87713c7 Czech Republic 5d3afa14-50f0-4bb0-882c-55afce8243bb Bulgaria 745ade11-3660-4353-9328-4b3fbbbc0e10 Hungary f817b5c8-89d7-4bf9-afd9-b43e9e28ee9c Estonia 4c1c66ac-16a1-4287-926a-fe92fbaf3fb4 Germany ad8b1f7d-4dfd-448f-879a-d5a3f2392006 Portugal 17465237-3be6-4260-86ae-3f6cce009619 Finland 46a1f768-64d0-4937-8736-87ebb35b9219 Belgium 2548f3c0-5584-4fe2-9ec7-9af0a87713c7 Czech Republic

Environmental	
Environmental Information	9AKK108467A6707

Ordering	
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Order Code US and Canada	ZABQEGBD000A000000XX
EAN	8015644752644
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	16 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644752644

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

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
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4P
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) 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 (500 V AC) 42 kA (660 V AC) 42 kA

	(690 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 24 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)	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	B
Standards	IEC
Sub-type	E1.2
Suitable for IT Networks	Yes, 690V
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

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

