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
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

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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 (IT)
Simplified SCIP	470788ba-0724-4a26-99e7-ba9513258a7e France (FR) 17465237-3be6-4260-86ae-3f6cce009619 Finland (FI) 1f08ac49-b26f-4bfb-ad56-73d29748906e Germany (DE) 679d2599-1730-425c-bda6-64ad5be9adfe Norway (NO) 679d2599-1730-425c-bda6-64ad5be9adfe Norway (NO) 766990d6-20c3-4fae-80f1-1e518b8f96fc Germany (DE) 1473eaeb-38aa-419f-a028-1541b12a76e0 Croatia (HR) ad8b1f7d-4dfd-448f-879a-d5a3f2392006 Portugal (PT) 7864adc5-d112-446f-9862-a8d505c988de Poland (PL) bddca5d3-009f-48cd-bf3a-30f35c9ed7ce Netherlands (NL) 0141c697-d354-48d2-9cdc-ae7fadaa74a0 Poland (PL) 96b552e7-f3b2-4090-858a-9469746c41c1 Belgium (BE) deee2671-c3ea-4676-bed7-46f11e9010bd France (FR) 7129cc31-b338-411d-8757-f12c0439dba9 Hungary (HU) 56f1c606-691c-41f2-a0ec-17eabfec91a4 Spain (ES) fd9a15cc-380d-4177-9391-8439a4a63b87 Greece (GR) 3fb5149c-28be-44e7-86b0-35f368e4686a Sweden (SE) 5d3afa14-50f0-4bb0-882c-55afce8243bb Bulgaria (BG) c64e15d0-40cc-4a38-9ad3-ae1e60894a9c Poland (PL) 3fb5149c-28be-44e7-86b0-35f368e4686a Sweden (SE) 470788ba-0724-4a26-99e7-ba9513258a7e France (FR) 56f1c606-691c-41f2-a0ec-17eabfec91a4 Spain (ES) fd9a15cc-380d-4177-9391-8439a4a63b87 Greece (GR) 4c1c66ac-16a1-4287-926a-fe92fbaf3fb4 Germany (DE) 016b1225-d1b9-44d2-8097-0432e9f684ef Sweden (SE) f817b5c8-89d7-4bf9-afd9-b43e9e28ee9c Estonia (EE) deee2671-c3ea-4676-bed7-46f11e9010bd France (FR) bddca5d3-009f-48cd-bf3a-30f35c9ed7ce Netherlands (NL) 7129cc31-b338-411d-8757-f12c0439dba9 Hungary (HU) 745ade11-3660-4353-9328-4b3fbebc0e10 Hungary (HU) 1f08ac49-b26f-4bfb-ad56-73d29748906e Germany (DE) 929225a7-c7ee-44d3-b53c-4e975c9aa4c1 Denmark (DK) c64e15d0-40cc-4a38-9ad3-ae1e60894a9c Poland (PL) 9bd2efbf-3f7e-4fb0-a58b-433293f63fae Germany (DE) 51841757-e388-4d18-b275-e18ea843fb2d Germany (DE) 1473eaeb-38aa-419f-a028-1541b12a76e0 Croatia (HR) 0141c697-d354-48d2-9cdc-ae7fadaa74a0 Poland (PL) 46a1f768-64d0-4937-8736-87ebb35b9219 Belgium (BE) 7864adc5-d112-446f-9862-a8d505c988de Poland (PL) 016b1225-d1b9-44d2-8097-0432e9f684ef Sweden (SE) 766990d6-20c3-4fae-80f1-1e518b8f96fc Germany (DE) 929225a7-c7ee-44d3-b53c-4e975c9aa4c1 Denmark (DK) 9bd2efbf-3f7e-4fb0-a58b-433293f63fae Germany (DE) 96b552e7-f3b2-4090-858a-9469746c41c1 Belgium (BE) 51841757-e388-4d18-b275-e18ea843fb2d Germany (DE) 2548f3c0-5584-4fe2-9ec7-9af0a87713c7 Czech Republic (CZ) 5d3afa14-50f0-4bb0-882c-55afce8243bb Bulgaria (BG) 745ade11-3660-4353-9328-4b3fbebc0e10 Hungary (HU) f817b5c8-89d7-4bf9-afd9-b43e9e28ee9c Estonia (EE) 4c1c66ac-16a1-4287-926a-fe92fbaf3fb4 Germany (DE) ad8b1f7d-4dfd-448f-879a-d5a3f2392006 Portugal (PT) 17465237-3be6-4260-86ae-3f6cce009619 Finland (FI) 46a1f768-64d0-4937-8736-87ebb35b9219 Belgium (BE) 2548f3c0-5584-4fe2-9ec7-9af0a87713c7 Czech Republic (CZ)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

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 ([% Iu])	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	690 V AC

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Voltage	
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 Icu (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

Classifications

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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



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