PRODUCT-DETAILS

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

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General Information

Extended Product Type	E1.2C 1000 Ekip Touch LI 3p F F
Product ID	1SDA070794R1
EAN	8015644746445
Catalog Description	E1.2C 1000 Ekip Touch LI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 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
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	e3fce228-a061-416d-8bfc-29ba9731deda Italy (IT)
Simplified SCIP	b2a81a6c-b594-4542-b508-4354c1449c2d Germany (DE) 49d1a7bb-7e47-4216-8d23-e0ea1cc85c14 Poland (PL) 695b73a9-4b53-4697-9884-7c8843ca1bfb Poland (PL) 07b5c656-1203-4dbe-a69d-0917e0b14beb Sweden (SE) ee1abba1-161b-434d-a274-51aade8c813d Portugal (PT) 562bc99d-fa7b-4451-a2fe-12b6865aee35 France (FR) fd42eae6-371c-4cf7-8e7f-3251a3fa3a31 Croatia (HR) 56cf7cfb-8335-443a-b047-d34c68b09cb5 Hungary (HU) d84b829c-e21e-47bc-a80d-9eae74880c77 Estonia (EE) f7b89e82-d8e8-460f-bf39-f76b88153925 Germany (DE) 8a9993b2-c2b6-4dc3-9922-d0a045bec3c1 Denmark (DK) 2cd7803d-55e3-4b24-8f70-6757bd7fc36d Germany (DE) f1057f60-99ad-4628-aa34-64c79a645eb6 Finland (FI) 4893b9e5-1a5a-4260-8e18-d082c70e68b2 Greece (GR) 0831eba8-a81a-4736-9407-ab3722471aaa France (FR) 865cdde3-2f98-4542-aea8-7e29e15a5a8b Netherlands (NL) 65fcca67-65dd-4eba-96d9-f58d12321d30 Sweden (SE) b45f5ac6-cf11-4dde-b883-39e81b73af4c Belgium (BE) 1288d69b-442b-406a-85f4-1702998151c5 Bulgaria (BG) d843e7b7-5a8b-461f-8a6d-9ea8fd44deaf Germany (DE) 19a0b70e-43e0-4313-8595-15c71a65f196 Germany (DE) fedcf05c-dec8-4d55-ac71-85e3be3d2548 Poland (PL) fdb6f62d-bcef-462a-bfab-256bb296b434 Norway (NO) a214da95-ff6f-4d49-98dc-ed8f02fc64ce Hungary (HU) fb233997-bfdd-4a51-a6f8-681500b123fa Czech Republic (CZ) b88667e4-3855-4295-b449-45c4a5b7b0cc Belgium (BE) 74364361-c142-424f-9f50-b96ad9f28543 Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z1CQEGBD000A000000XX
EAN	8015644746445
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

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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	8015644746445

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	3P
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) 50 kA (230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 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) 50 kA (415 V AC) 50 kA (440 V AC) 50 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	Main Circuit M10

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Driver	
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	C
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

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

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Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2





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