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 PRODUCT-DETAILS

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

## 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

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**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

## Environmental

Environmental Information 9AKK108467A6707

## 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 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)  
07b5c656-1203-4d8e-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)  
65fcc67-65dd-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)

## 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
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	3
Power Loss	78 W
Rated Current (I <sub>n</sub> )	1000 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U <sub>i</sub> )	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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	100 %

Capacity, in % of I <sub>cs</sub>	
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(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 <sub>u</sub> )	1000 A
Rated Voltage (U <sub>r</sub> )	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	C
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

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## Categories

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

