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 PRODUCT-DETAILS

# E1.2N 1000 Ekip Dip LI 3p F F

## E1.2N 1000 Ekip Dip LI 3p F F




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**General Information**

Extended Product Type	E1.2N 1000 Ekip Dip LI 3p F F
Product ID	1SDA070801R1
EAN	8015644746513
Catalog Description	E1.2N 1000 Ekip Dip 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/DIP-LI R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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**ABB EcoSolutions**

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

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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	2994862d-2467-4b98-afd2-53b6efc114dc Italy (IT)
Simplified SCIP	<p>859967f8-e162-4aff-8d25-8feaa6ee212f France (FR)</p> <p>27429663-f19d-49bc-92a9-abc83f02e899 Greece (GR)</p> <p>Odd1cf52-160a-42bf-9f26-e667bc3d9d1e Estonia (EE)</p> <p>4444b8d5-a93f-4af2-a1e9-40699a82f48e Poland (PL)</p> <p>f734d4dd-8eab-459e-8b5b-554ff19ad1b8 Spain (ES)</p> <p>Odd1cf52-160a-42bf-9f26-e667bc3d9d1e Estonia (EE)</p> <p>0e8a1f49-5815-4c60-91c5-67bfd3b2ae9 Netherlands (NL)</p> <p>cf916b61-a597-4467-a4f3-36aef8e52883 Hungary (HU)</p> <p>32c9a0db-3c00-43b6-b556-5112c4281bb2 Germany (DE)</p> <p>7f5d61df-cb91-4c40-b02e-167f1f3f4824 Sweden (SE)</p> <p>859967f8-e162-4aff-8d25-8feaa6ee212f France (FR)</p> <p>ce90fbf8-32a1-481b-ab50-4f38233783dc Germany (DE)</p> <p>b7654ba5-69f0-4be6-834f-c0a5a9a5d1b1 Poland (PL)</p> <p>0dcc6b57-7f68-4455-b31b-61001e9aef3d Sweden (SE)</p> <p>d739950f-6865-4eef-8ab0-7ada8eb79132 France (FR)</p> <p>4444b8d5-a93f-4af2-a1e9-40699a82f48e Poland (PL)</p> <p>8e7b5243-179b-4c2f-966e-7923b0099dd9 Belgium (BE)</p> <p>dfc61a15-bb30-477c-8961-78378b0d37d0 Belgium (BE)</p> <p>0e8a1f49-5815-4c60-91c5-67bfd3b2ae9 Netherlands (NL)</p> <p>e822baa9-c0cb-4bd7-bf2d-788b5725349d Poland (PL)</p> <p>e6675cfb-5406-4352-822b-07484736b1f7 Germany (DE)</p> <p>d4c531df-9ea3-4634-85fd-a771f894bd7e Germany (DE)</p> <p>b7654ba5-69f0-4be6-834f-c0a5a9a5d1b1 Poland (PL)</p> <p>64c80c46-3438-4063-a5fc-a56921fe4876 Croatia (HR)</p> <p>dfc61a15-bb30-477c-8961-78378b0d37d0 Belgium (BE)</p> <p>27429663-f19d-49bc-92a9-abc83f02e899 Greece (GR)</p> <p>3996265c-64e0-4410-9b73-b9eda2c59065 Denmark (DK)</p> <p>e822baa9-c0cb-4bd7-bf2d-788b5725349d Poland (PL)</p> <p>d4c531df-9ea3-4634-85fd-a771f894bd7e Germany (DE)</p> <p>0dcc6b57-7f68-4455-b31b-61001e9aef3d Sweden (SE)</p> <p>efc78c74-f75d-4d8b-8273-a35846300466 Finland (FI)</p> <p>6b8c9864-5fc0-4564-acf4-c94a6c9bb318 Germany (DE)</p> <p>fa237422-f705-4e5e-b694-26aaece8312b Bulgaria (BG)</p> <p>3996265c-64e0-4410-9b73-b9eda2c59065 Denmark (DK)</p> <p>e6675cfb-5406-4352-822b-07484736b1f7 Germany (DE)</p> <p>689a9523-bc3b-4ac0-be7e-9a2e3e756be4 Norway (NO)</p> <p>8e7b5243-179b-4c2f-966e-7923b0099dd9 Belgium (BE)</p> <p>cf916b61-a597-4467-a4f3-36aef8e52883 Hungary (HU)</p> <p>f734d4dd-8eab-459e-8b5b-554ff19ad1b8 Spain (ES)</p> <p>32c9a0db-3c00-43b6-b556-5112c4281bb2 Germany (DE)</p> <p>64c80c46-3438-4063-a5fc-a56921fe4876 Croatia (HR)</p> <p>7f5d61df-cb91-4c40-b02e-167f1f3f4824 Sweden (SE)</p> <p>689a9523-bc3b-4ac0-be7e-9a2e3e756be4 Norway (NO)</p> <p>6b8c9864-5fc0-4564-acf4-c94a6c9bb318 Germany (DE)</p> <p>d739950f-6865-4eef-8ab0-7ada8eb79132 France (FR)</p> <p>74bfdba2-096b-4aa4-94d5-2860603e4ea3 Czech Republic (CZ)</p> <p>73c1e899-ac03-4bf5-b2eb-ad74c7a51131 Portugal (PT)</p> <p>efc78c74-f75d-4d8b-8273-a35846300466 Finland (FI)</p> <p>fa237422-f705-4e5e-b694-26aaece8312b Bulgaria (BG)</p> <p>ce90fbf8-32a1-481b-ab50-4f38233783dc Germany (DE)</p> <p>6bea0a9e-4579-4d86-9691-83183555ce54 Hungary (HU)</p> <p>74bfdba2-096b-4aa4-94d5-2860603e4ea3 Czech Republic (CZ)</p> <p>6bea0a9e-4579-4d86-9691-83183555ce54 Hungary (HU)</p> <p>73c1e899-ac03-4bf5-b2eb-ad74c7a51131 Portugal (PT)</p>

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## Environmental

Environmental Information

9AKK108467A6707

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## Ordering

Order Code US and Canada	Z1NQEGBA000A000000XX
EAN	8015644746513
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	8015644746513

## 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 <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-	(220 V AC) 66 kA

Circuit Breaking Capacity ( $I_{cs}$ )	(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 Capacity, in % of $I_{cu}$ ( $I_{cs}$ )	100 %
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 Dip LI
Release Type	EL
Short-Circuit Performance Level	N
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

## 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

