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 PRODUCT-DETAILS

# E2.2N 1000 Ekip Dip LI 4p F HR

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**General Information**

Extended Product Type	E2.2N 1000 Ekip Dip LI 4p F HR
Product ID	1SDA071551R1
EAN	8015644754013
Catalog Description	E2.2N 1000 Ekip Dip LI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2N 1000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL 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
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**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
End of Life Instructions	9AKK108468A2361
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

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## Eco Transparency

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Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
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## Environmental

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Environmental Information	9AKK108467A6707
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## Material Compliance

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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	a1a36d57-736d-484b-9eb7-6e6849cf9646 Italy (IT)
Simplified SCIP	4091c327-a947-4751-9c58-c4ccf7b14de1 Germany (DE) b3b9903f-575f-43c0-af10-410a6825e15c Hungary (HU) 0a315ff0-4fc3-49a0-b14b-bae5cf5eec23 Belgium (BE) 6ca57a7b-0401-443c-a420-26abe7b5620c Spain (ES) fdc9c0b9-b9d1-456f-8875-26f7cbbca9b Norway (NO) 76cb3f1c-6192-4acd-a5a2-cd327b3e1f7b Poland (PL) 0bf9acfa-f965-42ac-8496-dbbe9a9f5c88 Hungary (HU) d8da7285-1b55-4d7f-9d52-2d54ffbb4bda Germany (DE) beeb9f45-c5f6-4499-9b32-7799fa0a9907 Denmark (DK) ca62c5de-5cd0-4118-a4e3-fa3efd215242 Germany (DE) 7a4282f7-fa21-437a-865a-aaa9ce864703 Belgium (BE) 2e7dc358-ac4b-4e6c-8c8c-12efddd3b36e Sweden (SE) 94b5a21d-01bd-4852-b113-e4e715a9acea Estonia (EE) 43dd7adf-1c24-413b-bc2f-ec79861c2ff9 France (FR) d79ec58b-1596-4ba4-a182-9da43645249f Finland (FI) 61a4ef4a-163a-41ea-abcf-41db5a4ba739 Netherlands (NL) 4bec7ee-dd1a-4e94-b719-45e47577ad11 Greece (GR) e71c8f96-adc5-489b-a180-1c155154d162 Germany (DE) 6d6e8b2c-b2be-47ba-8ccb-0cddde92fee56 Germany (DE) f514cc91-6800-4aa2-9a78-8da5bd915d93 Croatia (HR) c17cd921-824a-4a5b-87fa-ffe304fd0e2 Bulgaria (BG) 525e4fe7-3715-4d54-8e64-4567fd09af6c France (FR) 22d649e8-b98a-4ab6-9ae7-9b2a3413da89 Poland (PL) 8c3743e9-7ac2-4f9a-aa1f-da5e8948d218 Poland (PL) 2f3d467a-0da4-43cf-8379-4fa24bd54490 Sweden (SE) 2b9f46ff-a3c5-4ab2-bf9d-c57c3ad5d09f Portugal (PT) c518f5b4-3463-4344-8187-d3a36ad6c664 Czech Republic (CZ)

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## Ordering

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Order Code US and Canada	ZBNQEGBA000A0000000XX
EAN	8015644754013
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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## Dimensions

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Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 kg

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**Container Information**


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Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644754013

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**Additional Information**


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Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

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**Technical**


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Current Type	AC
Electrical Durability	U <sub>e</sub> =< 440 V 15000 cycle U <sub>e</sub> = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current (% I <sub>n</sub> )	100 %
Number of Poles	4
Power Loss	53 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) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> )	100 %
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I <sub>u</sub> )	1000 A
Rated Voltage (U <sub>r</sub> )	690 V

Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E2.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002

## 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

## Categories

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

