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 PRODUCT-DETAILS

# E1.2N 800 Ekip Dip LSIG 3p F F

## E1.2N 800 Ekip Dip LSIG 3p F F




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**General Information**

Extended Product Type	E1.2N 800 Ekip Dip LSIG 3p F F
Product ID	1SDA070763R1
EAN	8015644746131
Catalog Description	E1.2N 800 Ekip Dip LSIG 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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**ABB EcoSolutions**

ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2360
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Product acc. to EN45555

**Material Compliance**

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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	f5995eb3-991d-4ab3-a417-6a5991a243bb Italy
Simplified SCIP	5867486f-5917-4931-8a1e-14ad50de84bb Sweden 44304541-45af-470b-b498-f90336b99702 France f033ca72-c172-4253-84fe-d178d17c9aca Poland 69e4cf75-d0a2-484a-9267-5771dae3ac51 Estonia aac19191-b78d-43fa-88f0-8b388d600a1f Spain 5028cce1-74da-4574-b612-298ded258db1 Sweden 500b6432-fb82-4376-86d3-cd872df8d49c Hungary 69e4cf75-d0a2-484a-9267-5771dae3ac51 Estonia 9afceefb-608b-4941-bec0-4265333fa025 Poland 6c6ac072-d2c9-4a8d-b358-90d68567d3ac France aac19191-b78d-43fa-88f0-8b388d600a1f Spain 23191eca-0549-4431-ba68-ff78669c1dfa Hungary 6c6ac072-d2c9-4a8d-b358-90d68567d3ac France 22228e88-ab47-4e2c-a182-4173dea8ced4 Germany c1c2196a-ece3-4cc6-9907-c0a86a83cf00 Germany e6db8c90-6353-40c0-99c9-3b7e10a1d98f Belgium c1131973-ea80-43ba-9c1d-8d6d986615d8 Denmark b13fc6bf-11eb-457c-aefb-ec9e6f58a8ee Norway e6db8c90-6353-40c0-99c9-3b7e10a1d98f Belgium 8429f5bf-1ff2-4532-af76-dbf0fa78d3ab Belgium aa4ad0a0-c345-482b-8f39-3d0715a7bd80 Germany 9e425ca6-008a-473a-8ffb-bf5292136ec8 Bulgaria aa4ad0a0-c345-482b-8f39-3d0715a7bd80 Germany 8429f5bf-1ff2-4532-af76-dbf0fa78d3ab Belgium 6a273f7e-9cfd-44bf-81b0-3da78a219399 Germany 274eea3a-99cb-43ed-a25a-0570a4238955 Finland 5028cce1-74da-4574-b612-298ded258db1 Sweden 6d03ea8c-539a-4b62-8d18-dc62676fa70b Croatia 46b51982-9ab9-4c8a-a5da-55c94cc5fc32 Germany f033ca72-c172-4253-84fe-d178d17c9aca Poland da407826-31ad-4acb-9f2f-ec574201a659 Poland 74f5375d-4002-4e80-a8c8-1a3f6df00fab Netherlands 22228e88-ab47-4e2c-a182-4173dea8ced4 Germany 5867486f-5917-4931-8a1e-14ad50de84bb Sweden 6d03ea8c-539a-4b62-8d18-dc62676fa70b Croatia c1c2196a-ece3-4cc6-9907-c0a86a83cf00 Germany 500b6432-fb82-4376-86d3-cd872df8d49c Hungary 9e425ca6-008a-473a-8ffb-bf5292136ec8 Bulgaria 56813c7e-8e61-4d8e-b4bc-eb32dbbbf1f9 Czech Republic 23191eca-0549-4431-ba68-ff78669c1dfa Hungary 46b51982-9ab9-4c8a-a5da-55c94cc5fc32 Germany c1131973-ea80-43ba-9c1d-8d6d986615d8 Denmark 6a273f7e-9cfd-44bf-81b0-3da78a219399 Germany b13fc6bf-11eb-457c-aefb-ec9e6f58a8ee Norway eb9559cf-f660-4468-8819-d4797d229eb3 Greece 44304541-45af-470b-b498-f90336b99702 France 274eea3a-99cb-43ed-a25a-0570a4238955 Finland 56813c7e-8e61-4d8e-b4bc-eb32dbbbf1f9 Czech Republic b569a160-3789-4611-9fc9-6581aeda074f Portugal b569a160-3789-4611-9fc9-6581aeda074f Portugal eb9559cf-f660-4468-8819-d4797d229eb3 Greece da407826-31ad-4acb-9f2f-ec574201a659 Poland 74f5375d-4002-4e80-a8c8-1a3f6df00fab Netherlands 9afceefb-608b-4941-bec0-4265333fa025 Poland

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**Environmental**


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Environmental Information	9AKK108467A6707
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**Ordering**


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Order Code US and Canada	Z1NPEFBC000A000000XX
EAN	8015644746131
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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**Dimensions**


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Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 kg

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**Container Information**


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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	8015644746131

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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	1SDH001252R0001

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**Technical**


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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	50 W
Rated Current (I <sub>n</sub> )	800 A
Rated Impulse	acc. to IEC 60947-2 12 kV

Withstand Voltage ( $U_{imp}$ )	
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) 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 ( $I_u$ )	800 A
Rated Voltage ( $U_r$ )	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSIG
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

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### External Classifications and Standards

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ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

