



PRODUCT-DETAILS

E1.2N 1600 Ekip Dip LSIG 3p F F

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**General Information**

Extended Product Type	E1.2N 1600 Ekip Dip LSIG 3p F F
Product ID	1SDA070883R1
EAN	8015644747336
Catalog Description	E1.2N 1600 Ekip Dip LSIG 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

**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 Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

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**Material Compliance**


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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	20a500fc-752a-4fd4-bd37-4039442d5c1e Italy
Simplified SCIP	47f39345-68f8-4106-b796-119dd004d75b Spain 0ca20ca2-4d07-439d-9b04-50453b48af2b Belgium 7030ab4a-bc46-4318-99db-f92b108e712b Germany 9c8ebad9-84be-42c9-8da2-90b07e8fe052 Hungary 9eae6159-bb0a-49a9-8238-dec65cd1699e France b889c359-3b49-48d4-8866-87c3a90a25ac Norway e9775f58-3b2c-40a9-af0d-8cbc58425965 France 928d8855-5a4f-4582-802c-4887f6221da8 Portugal 861a15b5-a029-48bc-a83d-c8235bd20bfc Finland 58ec838f-9a9c-492a-9e9f-9752eb9a8735 Netherlands 3eee8c0b-6057-4164-9eba-cf89cfe97fc8 Czech Republic 2b1d3dc5-aa79-48d1-8606-4e61ddf750be Sweden 3eec0905-e57d-4504-9b1d-de9fc397511e Germany 7dedca7f-c366-42ac-83b1-08ded6bde4d2 Bulgaria 42af31e2-1521-4cd0-b27c-10fc8cf9a46e Denmark c47566a8-a655-408f-9791-1b924cf309d4 Germany 7dedca7f-c366-42ac-83b1-08ded6bde4d2 Bulgaria baa459dd-8e4e-41da-b402-07c0373fa1ee Croatia 7030ab4a-bc46-4318-99db-f92b108e712b Germany 30d16250-f391-4cb8-9df5-062d338c3d10 Germany eaba0ea3-bd23-4ce5-bb04-799870f0247e Hungary c3f74764-6084-4aa6-988b-60ed551e3609 Sweden 2b1d3dc5-aa79-48d1-8606-4e61ddf750be Sweden e9775f58-3b2c-40a9-af0d-8cbc58425965 France 726c3c87-5c9d-4952-9aaa-fa9cf9f78f4f Poland 30d16250-f391-4cb8-9df5-062d338c3d10 Germany 9eae6159-bb0a-49a9-8238-dec65cd1699e France 6abaf492-91e0-41c7-a578-628be0c4568c Poland 7900fa2f-9ca7-4d83-95ad-a196a8261b4f Estonia 47f39345-68f8-4106-b796-119dd004d75b Spain 3eee8c0b-6057-4164-9eba-cf89cfe97fc8 Czech Republic 82d8d0f9-d819-4edf-bf25-bb758ae48263 Greece 7900fa2f-9ca7-4d83-95ad-a196a8261b4f Estonia eaba0ea3-bd23-4ce5-bb04-799870f0247e Hungary 727faa43-b11e-4709-837e-060dfc8a4504 Poland 58ec838f-9a9c-492a-9e9f-9752eb9a8735 Netherlands 6abaf492-91e0-41c7-a578-628be0c4568c Poland 928d8855-5a4f-4582-802c-4887f6221da8 Portugal 3eec0905-e57d-4504-9b1d-de9fc397511e Germany 98fa8bc3-6b8a-439f-80a1-7abee0bd7efd Germany 1c2d9099-b343-445a-a2d8-6af68eb8ab61 Belgium baa459dd-8e4e-41da-b402-07c0373fa1ee Croatia c3f74764-6084-4aa6-988b-60ed551e3609 Sweden 861a15b5-a029-48bc-a83d-c8235bd20bfc Finland 727faa43-b11e-4709-837e-060dfc8a4504 Poland 726c3c87-5c9d-4952-9aaa-fa9cf9f78f4f Poland 9c8ebad9-84be-42c9-8da2-90b07e8fe052 Hungary 98fa8bc3-6b8a-439f-80a1-7abee0bd7efd Germany 82d8d0f9-d819-4edf-bf25-bb758ae48263 Greece c47566a8-a655-408f-9791-1b924cf309d4 Germany 42af31e2-1521-4cd0-b27c-10fc8cf9a46e Denmark 1c2d9099-b343-445a-a2d8-6af68eb8ab61 Belgium 0ca20ca2-4d07-439d-9b04-50453b48af2b Belgium b889c359-3b49-48d4-8866-87c3a90a25ac Norway

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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	Z1NSEJBC000A000000XX
EAN	8015644747336
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	8015644747336

## 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	U <sub>e</sub> =< 440 V 3000 cycle U <sub>e</sub> = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	201 W
Rated Current (I <sub>n</sub> )	1600 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) 50 kA (660 V AC) 50 kA (690 V AC) 50 kA
Rated Service Short-	100 %

Circuit Breaking Capacity, in % of $I_{cs}$	
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 ( $I_u$ )	1600 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

### External Classifications and Standards

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

