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
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

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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	20a500fc-752a-4fd4-bd37-4039442d5c1e Italy (IT)
Simplified SCIP	47f39345-68f8-4106-b796-119dd004d75b Spain (ES) 0ca20ca2-4d07-439d-9b04-50453b48af2b Belgium (BE) 7030ab4a-bc46-4318-99db-f92b108e712b Germany (DE) 9c8ebad9-84be-42c9-8da2-90b07e8fe052 Hungary (HU) 9eae6159-bb0a-49a9-8238-dec65cd1699e France (FR) b889c359-3b49-48d4-8866-87c3a90a25ac Norway (NO) e9775f58-3b2c-40a9-af0d-8cbc58425965 France (FR) 928d8855-5a4f-4582-802c-4887f6221da8 Portugal (PT) 861a15b5-a029-48bc-a83d-c8235bd20bfc Finland (FI) 58ec838f-9a9c-492a-9e9f-9752eb9a8735 Netherlands (NL) 3eee8c0b-6057-4164-9eba-cf89cfe97fc8 Czech Republic (CZ) 2b1d3dc5-aa79-48d1-8606-4e61ddf750be Sweden (SE) 3eec0905-e57d-4504-9b1d-de9fc397511e Germany (DE) 7dedca7f-c366-42ac-83b1-08ded6bde4d2 Bulgaria (BG) 42af31e2-1521-4cd0-b27c-10fc8cf9a46e Denmark (DK) c47566a8-a655-408f-9791-1b924cf309d4 Germany (DE) 7dedca7f-c366-42ac-83b1-08ded6bde4d2 Bulgaria (BG) baa459dd-8e4e-41da-b402-07c0373fa1ee Croatia (HR) 7030ab4a-bc46-4318-99db-f92b108e712b Germany (DE) 30d16250-f391-4cb8-9df5-062d338c3d10 Germany (DE) eaba0ea3-bd23-4ce5-bb04-799870f0247e Hungary (HU) c3f74764-6084-4aa6-988b-60ed551e3609 Sweden (SE) 2b1d3dc5-aa79-48d1-8606-4e61ddf750be Sweden (SE) e9775f58-3b2c-40a9-af0d-8cbc58425965 France (FR) 726c3c87-5c9d-4952-9aaa-fa9cf9f78f4f Poland (PL) 30d16250-f391-4cb8-9df5-062d338c3d10 Germany (DE) 9eae6159-bb0a-49a9-8238-dec65cd1699e France (FR) 6abaf492-91e0-41c7-a578-628be0c4568c Poland (PL) 7900fa2f-9ca7-4d83-95ad-a196a8261b4f Estonia (EE) 47f39345-68f8-4106-b796-119dd004d75b Spain (ES) 3eee8c0b-6057-4164-9eba-cf89cfe97fc8 Czech Republic (CZ) 82d8d0f9-d819-4edf-bf25-bb758ae48263 Greece (GR) 7900fa2f-9ca7-4d83-95ad-a196a8261b4f Estonia (EE) eaba0ea3-bd23-4ce5-bb04-799870f0247e Hungary (HU) 727faa43-b11e-4709-837e-060dfc8a4504 Poland (PL) 58ec838f-9a9c-492a-9e9f-9752eb9a8735 Netherlands (NL) 6abaf492-91e0-41c7-a578-628be0c4568c Poland (PL) 928d8855-5a4f-4582-802c-4887f6221da8 Portugal (PT) 3eec0905-e57d-4504-9b1d-de9fc397511e Germany (DE) 98fa8bc3-6b8a-439f-80a1-7abee0bd7efd Germany (DE) 1c2d9099-b343-445a-a2d8-6af68eb8ab61 Belgium (BE) baa459dd-8e4e-41da-b402-07c0373fa1ee Croatia (HR) c3f74764-6084-4aa6-988b-60ed551e3609 Sweden (SE) 861a15b5-a029-48bc-a83d-c8235bd20bfc Finland (FI) 727faa43-b11e-4709-837e-060dfc8a4504 Poland (PL) 726c3c87-5c9d-4952-9aaa-fa9cf9f78f4f Poland (PL) 9c8ebad9-84be-42c9-8da2-90b07e8fe052 Hungary (HU) 98fa8bc3-6b8a-439f-80a1-7abee0bd7efd Germany (DE) 82d8d0f9-d819-4edf-bf25-bb758ae48263 Greece (GR) c47566a8-a655-408f-9791-1b924cf309d4 Germany (DE) 42af31e2-1521-4cd0-b27c-10fc8cf9a46e Denmark (DK) 1c2d9099-b343-445a-a2d8-6af68eb8ab61 Belgium (BE) 0ca20ca2-4d07-439d-9b04-50453b48af2b Belgium (BE) b889c359-3b49-48d4-8866-87c3a90a25ac Norway (NO)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

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	Ue =< 440 V 3000 cycle Ue = 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_n)	1600 A
Rated Impulse Withstand Voltage (U_{imp})	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-	(220 V AC) 66 kA

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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 Icu (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)	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

Classifications

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation

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	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



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