PRODUCT-DETAILS

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

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	2994862d-2467-4b98-afd2-53b6efc114dc Italy (IT)
Simplified SCIP	859967f8-e162-4aff-8d25-8feaa6ee212f France (FR) 27429663-f19d-49bc-92a9-abc83f02e899 Greece (GR) 0dd1cf52-160a-42bf-9f26-e667bc3d9d1e Estonia (EE) 4444b8d5-a93f-4af2-a1e9-40699a82f48e Poland (PL) f734d4dd-8eab-459e-8b5b-554ff19ad1b8 Spain (ES) 0dd1cf52-160a-42bf-9f26-e667bc3d9d1e Estonia (EE) 0e8a1f49-5815-4c60-91c5-67bfad3b2ae9 Netherlands (NL) cf916b61-a597-4467-a4f3-36aef8e52883 Hungary (HU) 32c9a0db-3c00-43b6-b556-5112c4281bb2 Germany (DE) 7f5d61df-cb91-4c40-b02e-167f1f3f4824 Sweden (SE) 859967f8-e162-4aff-8d25-8feaa6ee212f France (FR) ce90fbf8-32a1-481b-ab50-4f38233783dc Germany (DE) b7654ba5-69f0-4be6-834f-c0a5a9a5d1b1 Poland (PL) 0dcc6b57-7f68-4455-b31b-61001e9aef3d Sweden (SE) d739950f-6865-4eef-8ab0-7ada8eb79132 France (FR) 4444b8d5-a93f-4af2-a1e9-40699a82f48e Poland (PL) 8e7b5243-179b-4c2f-966e-7923b0099dd9 Belgium (BE) dfc61a15-bb30-477c-8961-78378b0d37d0 Belgium (BE) 0e8a1f49-5815-4c60-91c5-67bfad3b2ae9 Netherlands (NL) e822baa9-c0cb-4bd7-bf2d-788b5725349d Poland (PL) e6675cfb-5406-4352-822b-07484736b1f7 Germany (DE) d4c531df-9ea3-4634-85fd-a771f894bd7e Germany (DE) b7654ba5-69f0-4be6-834f-c0a5a9a5d1b1 Poland (PL) 64c80c46-3438-4063-a5fc-a56921fe4876 Croatia (HR) dfc61a15-bb30-477c-8961-78378b0d37d0 Belgium (BE) 27429663-f19d-49bc-92a9-abc83f02e899 Greece (GR) 3996265c-64e0-4410-9b73-b9eda2c59065 Denmark (DK) e822baa9-c0cb-4bd7-bf2d-788b5725349d Poland (PL) d4c531df-9ea3-4634-85fd-a771f894bd7e Germany (DE) 0dcc6b57-7f68-4455-b31b-61001e9aef3d Sweden (SE) efc78c74-f75d-4d8b-8273-a35846300466 Finland (FI) 6b8c9864-5fc0-4564-acf4-c94a6c9bb318 Germany (DE) fa237422-f705-4e5e-b694-26aaece8312b Bulgaria (BG) 3996265c-64e0-4410-9b73-b9eda2c59065 Denmark (DK) e6675cfb-5406-4352-822b-07484736b1f7 Germany (DE) 689a9523-bc3b-4ac0-be7e-9a2e3e756be4 Norway (NO) 8e7b5243-179b-4c2f-966e-7923b0099dd9 Belgium (BE) cf916b61-a597-4467-a4f3-36aef8e52883 Hungary (HU) f734d4dd-8eab-459e-8b5b-554ff19ad1b8 Spain (ES) 32c9a0db-3c00-43b6-b556-5112c4281bb2 Germany (DE) 64c80c46-3438-4063-a5fc-a56921fe4876 Croatia (HR) 7f5d61df-cb91-4c40-b02e-167f1f3f4824 Sweden (SE) 689a9523-bc3b-4ac0-be7e-9a2e3e756be4 Norway (NO) 6b8c9864-5fc0-4564-acf4-c94a6c9bb318 Germany (DE) d739950f-6865-4eef-8ab0-7ada8eb79132 France (FR) 74bfdba2-096b-4aa4-94d5-2860603e4ea3 Czech Republic (CZ) 73c1e899-ac03-4bf5-b2eb-ad74c7a51131 Portugal (PT) efc78c74-f75d-4d8b-8273-a35846300466 Finland (FI) fa237422-f705-4e5e-b694-26aaece8312b Bulgaria (BG) ce90fbf8-32a1-481b-ab50-4f38233783dc Germany (DE) 6bea0a9e-4579-4d86-9691-83183555ce54 Hungary (HU) 74bfdba2-096b-4aa4-94d5-2860603e4ea3 Czech Republic (CZ) 6bea0a9e-4579-4d86-9691-83183555ce54 Hungary (HU) 73c1e899-ac03-4bf5-b2eb-ad74c7a51131 Portugal (PT)

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_n)	1000 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)	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

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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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