PRODUCT-DETAILS

E1.2N 800 Ekip Touch LI 3p F F

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General Information

Extended Product Type	E1.2N 800 Ekip Touch LI 3p F F
Product ID	1SDA070764R1
EAN	8015644746148
Catalog Description	E1.2N 800 Ekip Touch LI 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/TOUCH-LI R 800 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	c0186f93-9089-498c-bb97-651156eb7165 Italy (IT)
Simplified SCIP	17ca8d71-83bc-41d3-9405-aa43bc8d197d Bulgaria (BG) 6e7bea81-0788-4d08-a1d9-4652c428482a Spain (ES) 02fac155-4270-4010-a6ef-75a85e38c5d6 Estonia (EE) 4e55417c-68f9-40fa-aa2c-57d70a443346 Belgium (BE) ac0f6a2b-dba6-4ae0-88a9-eea6b1857291 Belgium (BE) e0ebe532-93a7-438f-b8cf-ef41819129c3 Norway (NO) 4c87b2bc-9c7d-4436-b335-b72b2b19636b Germany (DE) 17ca8d71-83bc-41d3-9405-aa43bc8d197d Bulgaria (BG) a990b9d9-71d6-4a3f-bdd7-fb2595ceff61 Denmark (DK) f639ecd5-6772-45de-b713-b279ba162bca Sweden (SE) 9a2ad84c-706f-4f3e-8746-462f8909fbf4 Finland (FI) ebe5020c-fd05-42c7-949a-56e5410f80f5 Germany (DE) 4c87b2bc-9c7d-4436-b335-b72b2b19636b Germany (DE) ebd56760-2625-498c-9d15-2f3c4b0d1c91 Germany (DE) a278e134-f7ca-4679-a661-30705ac751b0 Croatia (HR) 4e55417c-68f9-40fa-aa2c-57d70a443346 Belgium (BE) 69a2ce46-3f43-4b4d-82dd-cae80eaaa9ca Poland (PL) a990b9d9-71d6-4a3f-bdd7-fb2595ceff61 Denmark (DK) 8bd947fb-dbaf-452d-9521-7f6e47734501 Greece (GR) 479dea40-f634-431b-9b4d-7c0e01774c8e Hungary (HU) ac4335f0-3b44-4a93-b48a-14e791da1a23 Poland (PL) ebd56760-2625-498c-9d15-2f3c4b0d1c91 Germany (DE) 8bd947fb-dbaf-452d-9521-7f6e47734501 Greece (GR) ac4335f0-3b44-4a93-b48a-14e791da1a23 Poland (PL) 2b4daabc-2e74-4b44-9a9d-9eec30471ee2 Portugal (PT) e4328df2-dd45-42cf-96c3-863bf06942d7 Poland (PL) 8e27c194-1cb5-4b17-bddd-90719833693d Netherlands (NL) dd7f362d-3603-4b39-8386-2b42d3a9a984 Hungary (HU) 7d5943e5-9930-471d-ac99-89273a038cb1 Germany (DE) e0ebe532-93a7-438f-b8cf-ef41819129c3 Norway (NO) f41c0b37-8616-47f3-900d-04534126086e France (FR) ebe5020c-fd05-42c7-949a-56e5410f80f5 Germany (DE) 5910eb1b-c82f-45af-80bb-934e04f460ea Czech Republic (CZ) 9a2ad84c-706f-4f3e-8746-462f8909fbf4 Finland (FI) eed5dfbb-c303-40a5-9c6b-beb3d36b8b9a Germany (DE) 8e27c194-1cb5-4b17-bddd-90719833693d Netherlands (NL) 2b4daabc-2e74-4b44-9a9d-9eec30471ee2 Portugal (PT) a278e134-f7ca-4679-a661-30705ac751b0 Croatia (HR) 55ff9039-05c2-4fd5-9d0d-7ca10aa45775 Sweden (SE) ac0f6a2b-dba6-4ae0-88a9-eea6b1857291 Belgium (BE) 6e7bea81-0788-4d08-a1d9-4652c428482a Spain (ES) 479dea40-f634-431b-9b4d-7c0e01774c8e Hungary (HU) f639ecd5-6772-45de-b713-b279ba162bca Sweden (SE) 69a2ce46-3f43-4b4d-82dd-cae80eaaa9ca Poland (PL) f41c0b37-8616-47f3-900d-04534126086e France (FR) 55ff9039-05c2-4fd5-9d0d-7ca10aa45775 Sweden (SE) eed5dfbb-c303-40a5-9c6b-beb3d36b8b9a Germany (DE) 7d5943e5-9930-471d-ac99-89273a038cb1 Germany (DE) 9eee7393-9d16-4ed8-804e-cb804a87069b France (FR) e4328df2-dd45-42cf-96c3-863bf06942d7 Poland (PL) 02fac155-4270-4010-a6ef-75a85e38c5d6 Estonia (EE) 9eee7393-9d16-4ed8-804e-cb804a87069b France (FR) 5910eb1b-c82f-45af-80bb-934e04f460ea Czech Republic (CZ) dd7f362d-3603-4b39-8386-2b42d3a9a984 Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	Z1NPEFBD000A000000XX
EAN	8015644746148
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	8015644746148

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	50 W
Rated Current (I_n)	800 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)	800 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Touch 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
Instructions and Manuals (Part 2)	1SDH001316R1002

Classifications

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

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	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





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