PRODUCT-DETAILS

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

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General Information

Extended Product Type	E1.2N 800 Ekip Touch LSIG 3p F F
Product ID	1SDA070766R1
EAN	8015644746162
Catalog Description	E1.2N 800 Ekip Touch 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/TOUCH-LSIG 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	453ad2a7-58e8-45c5-b3ff-1fb3b4c40289 Italy (IT)
Simplified SCIP	6220cdac-cc3b-4dad-95d9-747d238f35c2 Hungary (HU) f840c4b6-b3c4-4ae1-af67-c25a30c05806 Belgium (BE) 65d16b37-ed26-4ccb-9bb6-487863a8c0c3 Germany (DE) 31b3d5b4-607f-4327-a8b7-02677f8aead7 Poland (PL) 23953e47-6062-4752-bca2-4d3f3f4c9627 Denmark (DK) 8219de78-327b-4b49-8ff3-eb02a41b1cce Germany (DE) 68b03292-42c6-4970-b388-befc378b6e36 Czech Republic (CZ) 23bb5812-7825-4f1f-b7a6-b7581016fb12 Norway (NO) 27259367-85e8-468b-a40c-49377aaed017 Estonia (EE) 69ef6065-dc0a-4b77-a394-beb5afa8cdc6 Bulgaria (BG) ba4ead5a-bb97-4741-ad4c-b11d24d425b5 Sweden (SE) b41ad872-3f7b-47f1-a1d4-2f8a53ee300f Netherlands (NL) afae039a-1146-4a77-8cfc-242c901a77a4 Greece (GR) 2843cd3b-790c-49fa-922c-7b45d08fe5c9 Sweden (SE) 02593043-26d1-42b3-8abb-d69c98e63c93 Germany (DE) 98295862-aa1e-4b11-af5e-1634c34360dd Germany (DE) 2c044998-6af9-42da-a829-6e23d4d27db3 Hungary (HU) 2e5a070f-9f6e-4cf7-a96b-aafe852161b6 Poland (PL) 94bf3f7d-3b0c-4e46-b911-756b71b1b9e3 Poland (PL) f788b690-6106-4f8b-9648-1c55a6aac1c4 Portugal (PT) f7ec5883-fd98-42fd-8655-ac5558a28aed France (FR) daddd1e8-69f0-44ed-a838-d8bff97beb35 Germany (DE) cb905534-d12b-4303-910e-ccd2a646e878 Finland (FI) 03f1c1b1-201d-444d-9ffb-719152cd7a9d Belgium (BE) 07718936-6eb4-4565-85ad-0d57e165d99e Spain (ES) 0d8b4f0f-33bd-4fb9-8656-8c361330988f France (FR) b2d4864f-1796-41a3-98c1-cb81d644985e Croatia (HR)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z1NPEFBF000A000000XX
EAN	8015644746162
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

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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	8015644746162

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-Circuit Breaking Capacity (I_{cs})	(220 V AC) 66 kA (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	Main Circuit M10

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Driver	
Release	Ekip Touch 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
Instructions and Manuals (Part 2)	1SDH001316R1002

Classifications

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

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Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2





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