PRODUCT-DETAILS

E1.2N 1600 Ekip Touch LI 4p F F

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General Information

Extended Product Type	E1.2N 1600 Ekip Touch LI 4p F F
Product ID	1SDA071514R1
EAN	8015644753641
Catalog Description	E1.2N 1600 Ekip Touch LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI 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	e7be1611-cf6c-4fe8-82f0-b833ded66130 Italy (IT)
Simplified SCIP	f1093d9a-ac46-41d7-8420-e27efb062e78 France (FR) 9938a097-dbf0-4f33-8ad4-237f373348e2 Spain (ES) 91db3cd0-a3e7-4fcd-accf-172a1a5c608b Estonia (EE) f0f46f48-a48f-4451-85ab-f0106693d682 Greece (GR) e280f1c0-df6a-4bd0-bc9e-7ecda470a9b6 Germany (DE) f63c741f-3305-438c-b359-dd049270fe0d Poland (PL) e280f1c0-df6a-4bd0-bc9e-7ecda470a9b6 Germany (DE) 547d568b-2329-4500-b545-fe914339a2d2 Hungary (HU) d39735fa-a6e6-4222-97c1-79a4959bcde4 Denmark (DK) 7d1f38d2-ae99-4e7c-9102-7f3361978f67 Norway (NO) 820f722b-4f10-4ea6-865c-da8f9db258af Germany (DE) 601591a5-0bdf-4b1e-835b-59b1e7849844 Belgium (BE) e3e3542c-d4da-4ff2-a54e-d5f027c63a59 Belgium (BE) 7ac6cc40-a989-488f-a991-0f82eb16640d Poland (PL) 5c753e1f-d144-4c0c-9cc0-d77a7087581e Netherlands (NL) 420673cd-8c11-48b3-93e9-70ad9cc1e447 Poland (PL) 3c7602dd-a557-4c60-a1db-270df72eed55 Portugal (PT) cf8b80e4-74fb-4445-a95c-af9a7d61227b Croatia (HR) 5c753e1f-d144-4c0c-9cc0-d77a7087581e Netherlands (NL) 6b852b25-8bcb-4099-8c92-ffca86afe8e6 Sweden (SE) 13d84ce2-3c43-482f-8947-a6408d4247d9 France (FR) e4aab21a-74f5-42c7-bc8a-d0c038d25e2b Czech Republic (CZ) 737623e9-a0bf-4094-8848-7247a20a6dd6 Finland (FI) 3c7602dd-a557-4c60-a1db-270df72eed55 Portugal (PT) e4aab21a-74f5-42c7-bc8a-d0c038d25e2b Czech Republic (CZ) c6fcd27c-272d-487e-9132-0eef9675a4db Bulgaria (BG) 1d51f5e3-dbd3-44e8-8f66-c27b23d69376 Hungary (HU) c2350ee3-61b9-4163-85ea-7caf68d1711f Germany (DE) 9616f736-5efb-43c6-9b9f-2821cafb8373 Germany (DE) 9938a097-dbf0-4f33-8ad4-237f373348e2 Spain (ES) 601591a5-0bdf-4b1e-835b-59b1e7849844 Belgium (BE) 547d568b-2329-4500-b545-fe914339a2d2 Hungary (HU) f63c741f-3305-438c-b359-dd049270fe0d Poland (PL) 97db8850-bbc7-4852-a06b-936dcd36dbe7 Sweden (SE) 13d84ce2-3c43-482f-8947-a6408d4247d9 France (FR) f1093d9a-ac46-41d7-8420-e27efb062e78 France (FR) 6b852b25-8bcb-4099-8c92-ffca86afe8e6 Sweden (SE) 9616f736-5efb-43c6-9b9f-2821cafb8373 Germany (DE) c2350ee3-61b9-4163-85ea-7caf68d1711f Germany (DE) 420673cd-8c11-48b3-93e9-70ad9cc1e447 Poland (PL) 91db3cd0-a3e7-4fcd-accf-172a1a5c608b Estonia (EE) 1d51f5e3-dbd3-44e8-8f66-c27b23d69376 Hungary (HU) f0f46f48-a48f-4451-85ab-f0106693d682 Greece (GR) 97db8850-bbc7-4852-a06b-936dcd36dbe7 Sweden (SE) 737623e9-a0bf-4094-8848-7247a20a6dd6 Finland (FI) 820f722b-4f10-4ea6-865c-da8f9db258af Germany (DE) c6fcd27c-272d-487e-9132-0eef9675a4db Bulgaria (BG) d39735fa-a6e6-4222-97c1-79a4959bcde4 Denmark (DK) cf8b80e4-74fb-4445-a95c-af9a7d61227b Croatia (HR) 80c922b9-1611-4d94-b29d-8b3c656fdcf8 Germany (DE) 7d1f38d2-ae99-4e7c-9102-7f3361978f67 Norway (NO) 80c922b9-1611-4d94-b29d-8b3c656fdcf8 Germany (DE) e3e3542c-d4da-4ff2-a54e-d5f027c63a59 Belgium (BE) 7ac6cc40-a989-488f-a991-0f82eb16640d Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZANSEJBD000A000000XX
EAN	8015644753641
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	16 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644753641

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

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
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
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	690 V AC

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Voltage	
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)	1600 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

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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

Categories

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



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