PRODUCT-DETAILS

E2.2B 1600 Ekip Touch LI 4p F HR

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General Information

Extended Product Type	E2.2B 1600 Ekip Touch LI 4p F HR
Product ID	1SDA071614R1
EAN	8015644754648
Catalog Description	E2.2B 1600 Ekip Touch LI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2B 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL 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	9AKK108468A1902 9AKK108468A1909

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	b76917b2-3118-4ae8-ab6c-c9b187febfa6 Italy (IT)
Simplified SCIP	17322e66-82e5-4e80-a588-9af3ea7871b8 Germany (DE) c2b30478-6474-46dd-b4b6-a00d4ec5a3b9 Poland (PL) f2774f31-c183-46bb-8542-f73eb7ac6da4 Hungary (HU) ae934500-898a-46a2-a034-8846a9ab861b Spain (ES) 14baefdb-66da-4641-8039-562cc11d94ff Belgium (BE) f10db918-0aff-4b52-81ff-fdbc162112b7 France (FR) 7dd93e35-c0c9-4503-aea3-d680aa23ce58 Finland (FI) 65d39d35-3aa0-4c80-89f5-36a25472bb86 Netherlands (NL) b9971b0d-963d-450b-9253-71c836049e9d Poland (PL) fc96341e-7731-492c-88a2-26015e451d4f Norway (NO) fb4d8f21-d2eb-4fbb-a8c6-282d1f685311 Hungary (HU) f6db9496-b6e3-45e9-a662-c8d5d348db69 Sweden (SE) 4ed7775f-f4c6-4574-af96-c07f319b0dec Greece (GR) bf0ff894-6577-4e6c-be69-23309283ad58 Estonia (EE) deb315dd-ded4-48bc-8229-8c8b3ff97349 Germany (DE) a9385cf2-5650-4140-a4af-dea15d786d26 Bulgaria (BG) 21db4c19-032e-4de6-81c7-0fcda57bd3f6 Belgium (BE) 80b2a29b-6108-4942-b26f-a9d2ec646c8d Germany (DE) 334179a4-1c48-4df4-8233-97808e3a3add Denmark (DK) 3ef1fcc9-d97f-49e3-8fb2-08125f50be1f Germany (DE) 5790bf8f-cd8d-4738-b7a3-2bcdb91f84b8 Germany (DE) 5d547f13-6757-413b-a56e-6061ca23dfe1 France (FR) c389bb78-5d26-4788-b332-d6a9d27a65ee Croatia (HR) 376bbc87-4e71-4d70-b0f6-e3a486337723 Poland (PL) ac8bdc07-7735-4b63-946c-9eb901df7885 Sweden (SE) a7eb9686-583c-4d70-9dc9-7103942efb13 Portugal (PT) 53addd3d-9b41-4260-a04b-435aee12e385 Czech Republic (CZ)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBBSEJBD000A000000XX
EAN	8015644754648
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 kg

Container Information

Package Level 1 Units	box 1 piece

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Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644754648

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	136 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-Circuit Breaking Capacity (I_{cs})	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1600 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	E2.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
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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