PRODUCT-DETAILS

E1.2B 1600 Ekip Touch LSI 4p F F

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General Information

Extended Product Type	E1.2B 1600 Ekip Touch LSI 4p F F
Product ID	1SDA071495R1
EAN	8015644753450
Catalog Description	E1.2B 1600 Ekip Touch LSI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI 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	c576eb56-b599-48a5-8e18-15886ba3d607 Italy (IT)
Simplified SCIP	8c0092b0-a5cc-49c2-a16b-d02ffd4af616 Portugal (PT) c600e5de-67f5-49eb-91bc-333aa646e72a Sweden (SE) b209f6b9-a886-42ed-8c6a-70ac0bccf4f8 Germany (DE) ecd3c3d5-bf11-4ec1-a9b6-5af8d101f9ed Sweden (SE) 1aea6771-7b7b-4795-8170-2d2e0faf9560 France (FR) 0717b54b-c556-4492-9568-71bd6a5c65da Poland (PL) a158b231-9e04-4fb0-8d97-c7e514e452fd France (FR) 3cc68b21-099f-4873-88de-10b64f0cf6f7 Hungary (HU) 6b1fc013-31be-40dc-91ed-7819cea7a7f4 Estonia (EE) bb7d31e4-7dc2-4bff-9386-13dc2adafacf Spain (ES) 30f7e931-aad0-4810-b0cd-d7367a7aee71 Netherlands (NL) 6b1fc013-31be-40dc-91ed-7819cea7a7f4 Estonia (EE) e0a475b9-2a61-40dd-9a1f-b1d08148064a Greece (GR) 32158b4a-a643-47cc-8c09-1dd70dff0fd1 Poland (PL) 32158b4a-a643-47cc-8c09-1dd70dff0fd1 Poland (PL) 46240e20-703e-4f8b-b2a9-4e43a0b26d15 Poland (PL) 30f7e931-aad0-4810-b0cd-d7367a7aee71 Netherlands (NL) eeca60e9-afac-4199-a302-98f29d6b167c Finland (FI) 54fc69e4-0ee9-4087-a621-9503150fa0b3 Croatia (HR) 79967f12-eaae-4a53-bdf3-eda9d3308e1b Belgium (BE) 9b39086d-583c-485a-ab03-4f24bf30c78f Germany (DE) 46240e20-703e-4f8b-b2a9-4e43a0b26d15 Poland (PL) e28427ce-a5b8-45ae-841a-18257c04214f Denmark (DK) e0a475b9-2a61-40dd-9a1f-b1d08148064a Greece (GR) f74d072c-72f3-4833-8fca-3235e71dbe61 Germany (DE) 0717b54b-c556-4492-9568-71bd6a5c65da Poland (PL) 1578992c-7c26-4278-bcfd-605b54d3ded6 Germany (DE) 3872ce75-e477-4ac4-b4b0-e3f29dc52677 Norway (NO) 9b39086d-583c-485a-ab03-4f24bf30c78f Germany (DE) 8c0092b0-a5cc-49c2-a16b-d02ffd4af616 Portugal (PT) f74d072c-72f3-4833-8fca-3235e71dbe61 Germany (DE) 328ada12-5554-48b3-b552-524119d97d1b Bulgaria (BG) 79967f12-eaae-4a53-bdf3-eda9d3308e1b Belgium (BE) 1caf5494-41fe-4d95-bdb5-d2d221b0fd1a Belgium (BE) 3872ce75-e477-4ac4-b4b0-e3f29dc52677 Norway (NO) 1578992c-7c26-4278-bcfd-605b54d3ded6 Germany (DE) c600e5de-67f5-49eb-91bc-333aa646e72a Sweden (SE) e28427ce-a5b8-45ae-841a-18257c04214f Denmark (DK) bb7d31e4-7dc2-4bff-9386-13dc2adafacf Spain (ES) 1caf5494-41fe-4d95-bdb5-d2d221b0fd1a Belgium (BE) 8e87715f-3268-45f8-9c5a-459ee4287d2c Germany (DE) 3cc68b21-099f-4873-88de-10b64f0cf6f7 Hungary (HU) a158b231-9e04-4fb0-8d97-c7e514e452fd France (FR) 328ada12-5554-48b3-b552-524119d97d1b Bulgaria (BG) b94f1f09-09ee-4aa0-8844-52469cb868b6 Czech Republic (CZ) 8e87715f-3268-45f8-9c5a-459ee4287d2c Germany (DE) 9f0b6c59-a2f2-4bca-9255-1c0fcf98d989 Hungary (HU) b209f6b9-a886-42ed-8c6a-70ac0bccf4f8 Germany (DE) 9f0b6c59-a2f2-4bca-9255-1c0fcf98d989 Hungary (HU) 54fc69e4-0ee9-4087-a621-9503150fa0b3 Croatia (HR) ecd3c3d5-bf11-4ec1-a9b6-5af8d101f9ed Sweden (SE) 1aea6771-7b7b-4795-8170-2d2e0faf9560 France (FR) eeca60e9-afac-4199-a302-98f29d6b167c Finland (FI) b94f1f09-09ee-4aa0-8844-52469cb868b6 Czech Republic (CZ)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	ZABSEJBE000A000000XX
E-Number (Norway)	4381717
EAN	8015644753450
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	8015644753450

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

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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 (500 V AC) 42 kA (660 V AC) 42 kA (690 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 24 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 Driver	Main Circuit M10
Release	Ekip Touch LSI
Release Type	EL
Short-Circuit Performance Level	B
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

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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

Categories

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



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