PRODUCT-DETAILS

E4.2N 4000 Ekip Hi-Touch LSI 4p F HR

E4.2N 4000 Ekip Hi-Touch LSI 4p F HR



General Information

Extended Product Type	E4.2N 4000 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071828R1
EAN	8015644756789
Catalog Description	E4.2N 4000 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2N 4000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

© 2024 ABB. All rights reserved.

Subject to change without notice

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	bf55dcc3-5fa0-4484-9d1a-4818983e5c34 Italy (IT)
Simplified SCIP	5ef38302-9284-488d-8e25-9b45abc921c4 Germany (DE) 181174eb-7d3c-4262-a0e0-3aca5c4091c6 Bulgaria (BG) 7e3cbc27-f649-4d8d-ad15-9cddf1b2e10d Poland (PL) 1d6228a4-d072-4fb7-a134-e396ea59eebb Czech Republic (CZ) 8be0caf2-78d7-416b-afbf-f2270640f81f Hungary (HU) 35d656f2-939f-4dc1-af13-03162e07d945 Spain (ES) c2347f02-9475-4944-bd1e-491a1551464a Belgium (BE) 096b13ce-6758-4226-b7cd-d88b82883ed1 Croatia (HR) 10111e1b-9802-4e01-b037-c64771428e43 France (FR) 68b3d528-36cf-48ba-a7a1-5d429ff1378c Germany (DE) 3ab84814-3ace-461c-828e-d33d01913262 Germany (DE) 8b1a1466-aedd-4fef-81cc-11c5b41e1445 Germany (DE) 57b7057b-ab42-4dc4-812a-f1db23d53aa9 Denmark (DK) dee42515-52c3-4798-9195-b38488759e19 Germany (DE) aeeb7431-9017-42c0-a98e-1677a1e9a1ac Belgium (BE) 82adb3d9-c05a-469b-b435-8e6bbba930b9 Sweden (SE) 37fa1444-c246-4b8e-b7e5-73314b12ebf1 Finland (FI) 648e9af8-6521-4d15-926f-fb41aca3a718 Greece (GR) e19ea5f6-bfe8-49d8-adc1-7241032ae0b3 Estonia (EE) 10c5e571-96a9-451f-9898-40e8e859e030 Norway (NO) c1dc0f85-a2a4-480f-b0b1-974e0b97d116 Poland (PL) 6a65539d-9a7d-4d5b-a76a-863dd3b98556 Hungary (HU) 11925247-5f5e-4127-8b51-7fc5c591be05 Netherlands (NL) 7e20972f-e59b-4424-99e1-e34edc98d65a France (FR) 6688455b-ad4a-4f9b-a311-884d1af7d013 Portugal (PT) c33d4b10-cb4e-436c-8070-e86966a406d5 Sweden (SE) a4fa6146-4b31-4c4a-a5c5-f4c00eb6aabe Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCNWERBJ200A000000XX
EAN	8015644756789
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	70 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	785 mm
Package Level 1 Gross Weight	77 kg
Package Level 1 EAN	8015644756789

© 2024 ABB. All rights reserved.

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0197

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability	15000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	465 W
Rated Current (I_n)	4000 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) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 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) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	4000 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E4.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m

© 2024 ABB. All rights reserved.

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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
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
Object Classification Code	Q
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

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



© 2024 ABB. All rights reserved.