PRODUCT-DETAILS

E2.2H 1250 Ekip Hi-Touch LSIG 3p F HR

E2.2H 1250 Ekip Hi-Touch LSIG 3p F HR



General Information

Extended Product Type	E2.2H 1250 Ekip Hi-Touch LSIG 3p F HR
Product ID	1SDA070979R1
EAN	8015644748296
Catalog Description	E2.2H 1250 Ekip Hi-Touch LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 1250 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1250 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

© 2024 ABB. All rights reserved.

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	f30bb05c-2fe3-456c-b475-4b9eb532788f Italy (IT)
Simplified SCIP	d7bb6455-a450-4bc1-8fc6-6885a1ba3c6f Germany (DE) a6219994-b0b7-41ac-83a8-5cb34e7431aa Finland (FI) 2793b39c-fc0b-406e-958c-836186e0cbaa Denmark (DK) 3f5f8f26-e2cd-4d7f-9009-eb30cf6c0e9d Bulgaria (BG) 42c3ddab-c317-46e5-8a45-5faa3e95fc0a Germany (DE) cf7cc7e2-e198-4910-8232-52e545f10559 France (FR) 58128d70-cd5a-4c91-a231-6541f9a83ad2 Sweden (SE) 1872b7ed-bf11-4caf-b1c6-fe537ff15b2b Germany (DE) 85cced2a-780a-430b-8b44-b6c7e3085040 Germany (DE) 979be27a-260b-45cc-a920-eae3af92a336 Spain (ES) f30282d1-7541-4707-84c0-34ace2a2e728 Estonia (EE) 901e3f7d-9a88-47e7-88c1-7b19cda69c39 Sweden (SE) f30282d1-7541-4707-84c0-34ace2a2e728 Estonia (EE) 6604802f-cfd8-40a8-9602-bce0a81ee40f Poland (PL) be6b790f-84e6-4d1d-8542-747ee7f3f042 Norway (NO) 532b519d-02db-4800-80a5-5cd35085d0ce Belgium (BE) b1763c6b-2b6b-44d6-aa4f-7f7ce6f19f2f Germany (DE) 4e1f0454-538a-4316-9f9d-b06b99e9c0f4 Poland (PL) 8c6eacb6-a947-4899-b55c-78870bbf974c Czech Republic (CZ) dd0041d8-19ed-4900-a524-1829d4f4ccb2 Poland (PL) 3b5c1b0b-1fd6-485d-a1c9-7b5087e0d24b Greece (GR) 2793b39c-fc0b-406e-958c-836186e0cbaa Denmark (DK) 22ba7bf8-bcd6-4104-89b7-2d4d37c46008 Hungary (HU) 42c3ddab-c317-46e5-8a45-5faa3e95fc0a Germany (DE) b1763c6b-2b6b-44d6-aa4f-7f7ce6f19f2f Germany (DE) 901e3f7d-9a88-47e7-88c1-7b19cda69c39 Sweden (SE) 532b519d-02db-4800-80a5-5cd35085d0ce Belgium (BE) 2b475a7e-0b69-408d-a1ca-a6c2e497bb7d Croatia (HR) 9317908d-fe92-4f0c-9861-bff3fd41df72 Portugal (PT) 6604802f-cfd8-40a8-9602-bce0a81ee40f Poland (PL) dd0041d8-19ed-4900-a524-1829d4f4ccb2 Poland (PL) 980e2ad6-e38f-484f-ab15-6b04255d8069 Netherlands (NL) a211f033-90aa-4695-98e8-60198199bc45 Belgium (BE) 3b5c1b0b-1fd6-485d-a1c9-7b5087e0d24b Greece (GR) 58128d70-cd5a-4c91-a231-6541f9a83ad2 Sweden (SE) 1872b7ed-bf11-4caf-b1c6-fe537ff15b2b Germany (DE) 2b475a7e-0b69-408d-a1ca-a6c2e497bb7d Croatia (HR) 980e2ad6-e38f-484f-ab15-6b04255d8069 Netherlands (NL) a6219994-b0b7-41ac-83a8-5cb34e7431aa Finland (FI) cf7cc7e2-e198-4910-8232-52e545f10559 France (FR) be6b790f-84e6-4d1d-8542-747ee7f3f042 Norway (NO) bbde1028-42a7-418f-97d3-07bfb7792897 France (FR) d7bb6455-a450-4bc1-8fc6-6885a1ba3c6f Germany (DE) 9317908d-fe92-4f0c-9861-bff3fd41df72 Portugal (PT) 9d1851cc-2e4c-43be-b83b-fd248211d588 Hungary (HU) 9d1851cc-2e4c-43be-b83b-fd248211d588 Hungary (HU) 85cced2a-780a-430b-8b44-b6c7e3085040 Germany (DE) 3f5f8f26-e2cd-4d7f-9009-eb30cf6c0e9d Bulgaria (BG) 8c6eacb6-a947-4899-b55c-78870bbf974c Czech Republic (CZ) 22ba7bf8-bcd6-4104-89b7-2d4d37c46008 Hungary (HU) bbde1028-42a7-418f-97d3-07bfb7792897 France (FR) a211f033-90aa-4695-98e8-60198199bc45 Belgium (BE) 979be27a-260b-45cc-a920-eae3af92a336 Spain (ES) 4e1f0454-538a-4316-9f9d-b06b99e9c0f4 Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

© 2024 ABB. All rights reserved.

Ordering

Order Code US and Canada	Z2HREHBK200A000000XX
EAN	8015644748296
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 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	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644748296

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0083

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	83 W
Rated Current (I_n)	1250 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-	(220 V AC) 100 kA

© 2024 ABB. All rights reserved.

Circuit Breaking Capacity (I_{cs})	(230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 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 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u)	1250 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	H
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

© 2024 ABB. All rights reserved.

	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



© 2024 ABB. All rights reserved.