PRODUCT-DETAILS

E1.2N 1250 Ekip Hi-Touch LSIG 3p F F

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General Information

Extended Product Type	E1.2N 1250 Ekip Hi-Touch LSIG 3p F F
Product ID	1SDA070849R1
EAN	8015644746995
Catalog Description	E1.2N 1250 Ekip Hi-Touch LSIG 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1250 FIXED THREE-POLE WITH FRONT TERMINALS 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	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	6529a4ff-156e-4a92-9d31-f3fe0a1b0f1c Italy (IT)
Simplified SCIP	5647f242-f7a7-4e6c-8585-683dd2ee1df6 Croatia (HR) 950cfcd0-60d9-4ac4-a960-b7f81e4ac9a7 Denmark (DK) 84c34945-f6b6-4509-80cd-072e8fb0e392 Bulgaria (BG) a9ccbd9f-d04a-4fd0-b628-05a93a502a6d Germany (DE) f03b56e5-e4ee-44fc-88d9-1da5622ed15e Finland (FI) 34c4d224-04b7-4d78-b212-12b0adf620ca Sweden (SE) 56cc880a-3543-4013-90ca-d267ead38f74 Germany (DE) 0268f2c1-4f2d-4bf5-8be2-c4e5dd6ea7ca Norway (NO) 285ad979-54d3-492a-993e-f16b4a6eebd8 Belgium (BE) 56cc880a-3543-4013-90ca-d267ead38f74 Germany (DE) 0268f2c1-4f2d-4bf5-8be2-c4e5dd6ea7ca Norway (NO) a9ccbd9f-d04a-4fd0-b628-05a93a502a6d Germany (DE) 950cfcd0-60d9-4ac4-a960-b7f81e4ac9a7 Denmark (DK) 8b1adec2-608b-4f3e-af2e-80977759a323 Germany (DE) f03b56e5-e4ee-44fc-88d9-1da5622ed15e Finland (FI) 652cec11-d8e6-433f-bbfc-02fae5d86695 Hungary (HU) 96097af0-8d3f-466b-bab1-8bac34277aa6 Greece (GR) 59702795-7470-46f1-b523-bdfced1fc14d Poland (PL) 1ab096aa-b25a-4264-b245-3596eb9c13bc Poland (PL) 8b1adec2-608b-4f3e-af2e-80977759a323 Germany (DE) 909e1f2a-4607-4d8b-933b-b8edb31eac7b Portugal (PT) 1fe40788-705c-4be0-9a95-2c1618951c3d Poland (PL) 285ad979-54d3-492a-993e-f16b4a6eebd8 Belgium (BE) 903b52bb-afa7-45c2-a4c9-89c6bf359264 Belgium (BE) 59702795-7470-46f1-b523-bdfced1fc14d Poland (PL) 0ba0bc0c-8d01-44bd-a27d-85f824cf5a38 Netherlands (NL) c0192f99-15c3-41e9-bd15-d9b408d451ff Germany (DE) a13a7693-c3ca-4a06-9fb4-4bf4a14fb3fe Hungary (HU) 15701074-ed32-461d-ac1e-96053c87fe2f Germany (DE) 984fafef-5a7a-4c94-a7bc-a9b732b3e785 France (FR) 96097af0-8d3f-466b-bab1-8bac34277aa6 Greece (GR) 15701074-ed32-461d-ac1e-96053c87fe2f Germany (DE) c0192f99-15c3-41e9-bd15-d9b408d451ff Germany (DE) a01e83f3-b70f-49bd-8a3f-0e74a55d5ed8 Sweden (SE) 984fafef-5a7a-4c94-a7bc-a9b732b3e785 France (FR) 52b3ff1c-3368-49eb-b19f-25ce7454f70e France (FR) 34c4d224-04b7-4d78-b212-12b0adf620ca Sweden (SE) 8569b69c-108f-46cc-989d-fe05d245a8df Czech Republic (CZ) 84c34945-f6b6-4509-80cd-072e8fb0e392 Bulgaria (BG) 8569b69c-108f-46cc-989d-fe05d245a8df Czech Republic (CZ) 909e1f2a-4607-4d8b-933b-b8edb31eac7b Portugal (PT) 52b3ff1c-3368-49eb-b19f-25ce7454f70e France (FR) a01e83f3-b70f-49bd-8a3f-0e74a55d5ed8 Sweden (SE) 5647f242-f7a7-4e6c-8585-683dd2ee1df6 Croatia (HR) 2883bbf9-c1e6-4b1b-9f5f-e86ca270f808 Spain (ES) 903b52bb-afa7-45c2-a4c9-89c6bf359264 Belgium (BE) 652cec11-d8e6-433f-bbfc-02fae5d86695 Hungary (HU) 2883bbf9-c1e6-4b1b-9f5f-e86ca270f808 Spain (ES) 831c8563-a8a9-4c50-a366-e342f1c09cb4 Estonia (EE) 0ba0bc0c-8d01-44bd-a27d-85f824cf5a38 Netherlands (NL) a13a7693-c3ca-4a06-9fb4-4bf4a14fb3fe Hungary (HU) 1fe40788-705c-4be0-9a95-2c1618951c3d Poland (PL) 831c8563-a8a9-4c50-a366-e342f1c09cb4 Estonia (EE) 1ab096aa-b25a-4264-b245-3596eb9c13bc Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

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Ordering

Order Code US and Canada	Z1NREHBK200A000000XX
EAN	8015644746995
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	8015644746995

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0001

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	122 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) 66 kA

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Circuit Breaking Capacity (I_{cs})	(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)	1250 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Hi-Touch LSIG
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

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation

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	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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