PRODUCT-DETAILS

E6.2H 4000 Ekip Hi-Touch LSI 4p F HR

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General Information

Extended Product Type	E6.2H 4000 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071868R1
EAN	8015644757182
Catalog Description	E6.2H 4000 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER EMAX2 E6.2H 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	9AKK108468A1905 9AKK108468A1913

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	e4a732b0-573d-4e11-978b-f8e0adb0f173 Italy (IT)
Simplified SCIP	2bc5e56d-723c-43bf-9b72-c6d84d2347ba Germany (DE) f7f33b71-6ec7-4b8d-a6e2-3c9bd0685c2d Croatia (HR) d6e3cdad-0417-403b-a4d0-7628e9188485 Bulgaria (BG) 50439164-b634-488f-9915-ae79353caba7 Sweden (SE) 896f5929-3d17-48de-8714-5b786ea7c9d9 Denmark (DK) 4de28a81-72dc-4278-b316-3469ac22eab9 Germany (DE) 4c9bdf3c-5016-4d7e-9f77-9558f193f74c Poland (PL) 48e26769-68e1-4cfd-8e53-5f472d6c0519 Poland (PL) f41e74dc-cf77-4869-b184-3dba2b77f090 Portugal (PT) 90aa4e94-8819-4dd0-acc8-6bdf18a7a941 Hungary (HU) 3edda7f5-9ee9-4d1a-a272-27b0ae3eab5e Estonia (EE) 70cace97-8fcf-4ea6-adca-915d274b4eeb Greece (GR) 2ce01188-8425-4d2f-8216-72a467cc9bb6 Belgium (BE) fe102b11-d1ce-4526-a67d-e9d74a61d601 Finland (FI) 7db27748-322d-4de1-b1c4-acd6040fd610 France (FR) 53932743-c197-4fad-ab9e-89dbf1e94fcc Norway (NO) ab41088c-0c6d-43ee-b6bf-5211f187dbec Netherlands (NL) ca9202f9-38c6-4021-87b6-72809087b50b France (FR) f8365d95-29c8-4bf3-98ee-f50aff217f90 Spain (ES) 187182f0-f42f-4b00-b740-f41f68bf7163 Hungary (HU) ad2a9572-0964-4e3c-9386-8fa89084dbc3 Germany (DE) 6220b071-d07e-41f1-acab-1a66b90a1437 Poland (PL) 4144288d-6d98-4eae-b8a3-c73dfba88cd6 Germany (DE) caea84ce-b81a-4725-a970-5fe77c196087 Belgium (BE) a336eaba-2699-48de-bfcf-afbbb9e54145 Czech Republic (CZ) 0be1611f-1a4c-408c-9733-1e0b3f2322a9 Germany (DE) 71ed8b71-927d-4b5f-9deb-8f45334a01db Sweden (SE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZDHWERBJ200A000000XX
EAN	8015644757182
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	888 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	125 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	1127 mm
Package Level 1 Gross Weight	134 kg
Package Level 1 EAN	8015644757182

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0249

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 4000 cycle Ue = 500 ... 690 V 4000 cycle 10 cycles per hour
Mechanical Durability	12000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	50 %
Number of Poles	4P
Power Loss	309 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) 100 kA (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) 100 kA (660 V AC) 100 kA (690 V AC) 100 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 100 kA for 3 s 100 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) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	4000 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E6.2
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	9AKK106713A5544
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001060R0100
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

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Categories

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



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