PRODUCT-DETAILS

E2.2N 800 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type	E2.2N 800 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071529R1
EAN	8015644753795
Catalog Description	E2.2N 800 Ekip Hi-Touch LSIG 4p F HR
Long Description	C.BREAKER EMAX2 E2.2N 800 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2361
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

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Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
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	506f8905-2088-481c-b919-4453225aa894 Italy (IT)
Simplified SCIP	f519659e-b7d0-4f45-9ac6-659b1546f1df Netherlands (NL) 59d065fc-bada-4def-8678-96825b7f0d45 Sweden (SE) 28708b13-40ab-4d1c-bdbb-319ff1355e03 Croatia (HR) 2bad5632-f99d-4cb1-bc41-a36c4027706a Germany (DE) 52b0a02d-f930-41ca-8ff6-3bc26fbdecf5 Portugal (PT) bf28a84c-bda0-4b5e-9b33-439fe74b02c9 Finland (FI) 48175270-3ca8-4cf0-b0b3-56e8fd8555e0 Germany (DE) 0bb78d42-3cc5-4c25-a7b9-e43abcf223a3 Norway (NO) 7dac976d-0aff-423d-9b36-e59e67669659 France (FR) 9fc25de1-5d18-4ebc-8ddc-e8c128fbecc4 Hungary (HU) aa81adba-b86a-415b-a97d-617e7c15fd54 Germany (DE) 28c228c9-5e64-469f-a710-ed949c53f99e Germany (DE) 52b0a02d-f930-41ca-8ff6-3bc26fbdecf5 Portugal (PT) 03472c90-70e7-48e6-a2d6-3ad4112c15a6 Greece (GR) 887e7fea-4514-497d-8b02-20e17eddead2 Poland (PL) f519659e-b7d0-4f45-9ac6-659b1546f1df Netherlands (NL) e1acb292-17d3-4d60-874f-9ad273a6b74f Belgium (BE) b7e51ffa-1eb6-40c3-9bdc-39897bf99689 Poland (PL) fc693375-9f0f-49c7-9924-c51e08224de9 Spain (ES) cd5cfd33-4472-49a5-9cc0-f09dad8dbda4 France (FR) 1108621d-2d05-4733-9f1b-e2afad7ed38f Hungary (HU) e1acb292-17d3-4d60-874f-9ad273a6b74f Belgium (BE) 8d455c46-e5f6-4e28-8009-a244a97243b7 Poland (PL) 7dac976d-0aff-423d-9b36-e59e67669659 France (FR) 516f97f5-5ce7-4598-a10d-faa72c452bb0 Sweden (SE) 28c228c9-5e64-469f-a710-ed949c53f99e Germany (DE) 59d065fc-bada-4def-8678-96825b7f0d45 Sweden (SE) aa81adba-b86a-415b-a97d-617e7c15fd54 Germany (DE) cd5cfd33-4472-49a5-9cc0-f09dad8dbda4 France (FR) 887e7fea-4514-497d-8b02-20e17eddead2 Poland (PL) fc693375-9f0f-49c7-9924-c51e08224de9 Spain (ES) ccb7b29e-0889-4c45-998b-1322ca098395 Estonia (EE) ccb7b29e-0889-4c45-998b-1322ca098395 Estonia (EE) 9fc25de1-5d18-4ebc-8ddc-e8c128fbecc4 Hungary (HU) 93207431-4bf0-4e9a-9a53-7c631683a7c8 Bulgaria (BG) a1098221-9dfc-4091-b596-326134168e10 Czech Republic (CZ) a1098221-9dfc-4091-b596-326134168e10 Czech Republic (CZ) 8d455c46-e5f6-4e28-8009-a244a97243b7 Poland (PL) 516f97f5-5ce7-4598-a10d-faa72c452bb0 Sweden (SE) 48175270-3ca8-4cf0-b0b3-56e8fd8555e0 Germany (DE) b7e51ffa-1eb6-40c3-9bdc-39897bf99689 Poland (PL) d00ed0cb-1897-47dd-9b74-fe5b90400618 Denmark (DK) 1108621d-2d05-4733-9f1b-e2afad7ed38f Hungary (HU) 03472c90-70e7-48e6-a2d6-3ad4112c15a6 Greece (GR) 71a60423-2444-42e3-b9d5-198a5469ea9f Germany (DE) 26f51491-0c7b-44c3-8b72-27801904c004 Belgium (BE) 28708b13-40ab-4d1c-bdbb-319ff1355e03 Croatia (HR) bf28a84c-bda0-4b5e-9b33-439fe74b02c9 Finland (FI) 0bb78d42-3cc5-4c25-a7b9-e43abcf223a3 Norway (NO) 26f51491-0c7b-44c3-8b72-27801904c004 Belgium (BE) 71a60423-2444-42e3-b9d5-198a5469ea9f Germany (DE) 93207431-4bf0-4e9a-9a53-7c631683a7c8 Bulgaria (BG) d00ed0cb-1897-47dd-9b74-fe5b90400618 Denmark (DK) 2bad5632-f99d-4cb1-bc41-a36c4027706a Germany (DE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

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Order Code US and Canada	ZBNPEFBK200A000000XX
EAN	8015644753795
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 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	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644753795

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

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
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	34 W
Rated Current (I_n)	800 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

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	(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)	800 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	N
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 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

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Categories

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



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