



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	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

Product acc. to EN45555

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
Simplified SCIP	f519659e-b7d0-4f45-9ac6-659b1546f1df Netherlands 59d065fc-bada-4def-8678-96825b7f0d45 Sweden 28708b13-40ab-4d1c-bdbb-319ff1355e03 Croatia 2bad5632-f99d-4cb1-bc41-a36c4027706a Germany 52b0a02d-f930-41ca-8ff6-3bc26fbdecf5 Portugal bf28a84c-bda0-4b5e-9b33-439fe74b02c9 Finland 48175270-3ca8-4cf0-b0b3-56e8fd8555e0 Germany 0bb78d42-3cc5-4c25-a7b9-e43abcf223a3 Norway 7dac976d-0aff-423d-9b36-e59e67669659 France 9fc25de1-5d18-4ebc-8ddc-e8c128fbecc4 Hungary aa81adba-b86a-415b-a97d-617e7c15fd54 Germany 28c228c9-5e64-469f-a710-ed949c53f99e Germany 52b0a02d-f930-41ca-8ff6-3bc26fbdecf5 Portugal 03472c90-70e7-48e6-a2d6-3ad4112c15a6 Greece 887e7fea-4514-497d-8b02-20e17eddead2 Poland f519659e-b7d0-4f45-9ac6-659b1546f1df Netherlands e1acb292-17d3-4d60-874f-9ad273a6b74f Belgium b7e51ffa-1eb6-40c3-9bdc-39897bf99689 Poland fc693375-9f0f-49c7-9924-c51e08224de9 Spain cd5cfd33-4472-49a5-9cc0-f09dad8dbda4 France 1108621d-2d05-4733-9f1b-e2afad7ed38f Hungary e1acb292-17d3-4d60-874f-9ad273a6b74f Belgium 8d455c46-e5f6-4e28-8009-a244a97243b7 Poland 7dac976d-0aff-423d-9b36-e59e67669659 France 516f97f5-5ce7-4598-a10d-faa72c452bb0 Sweden 28c228c9-5e64-469f-a710-ed949c53f99e Germany 59d065fc-bada-4def-8678-96825b7f0d45 Sweden aa81adba-b86a-415b-a97d-617e7c15fd54 Germany cd5cfd33-4472-49a5-9cc0-f09dad8dbda4 France 887e7fea-4514-497d-8b02-20e17eddead2 Poland fc693375-9f0f-49c7-9924-c51e08224de9 Spain ccb7b29e-0889-4c45-998b-1322ca098395 Estonia ccb7b29e-0889-4c45-998b-1322ca098395 Estonia 9fc25de1-5d18-4ebc-8ddc-e8c128fbecc4 Hungary 93207431-4bf0-4e9a-9a53-7c631683a7c8 Bulgaria a1098221-9dfc-4091-b596-326134168e10 Czech Republic a1098221-9dfc-4091-b596-326134168e10 Czech Republic 8d455c46-e5f6-4e28-8009-a244a97243b7 Poland 516f97f5-5ce7-4598-a10d-faa72c452bb0 Sweden 48175270-3ca8-4cf0-b0b3-56e8fd8555e0 Germany b7e51ffa-1eb6-40c3-9bdc-39897bf99689 Poland d00ed0cb-1897-47dd-9b74-fe5b90400618 Denmark 1108621d-2d05-4733-9f1b-e2afad7ed38f Hungary 03472c90-70e7-48e6-a2d6-3ad4112c15a6 Greece 71a60423-2444-42e3-b9d5-198a5469ea9f Germany 26f51491-0c7b-44c3-8b72-27801904c004 Belgium 28708b13-40ab-4d1c-bdbb-319ff1355e03 Croatia bf28a84c-bda0-4b5e-9b33-439fe74b02c9 Finland 0bb78d42-3cc5-4c25-a7b9-e43abcf223a3 Norway 26f51491-0c7b-44c3-8b72-27801904c004 Belgium 71a60423-2444-42e3-b9d5-198a5469ea9f Germany 93207431-4bf0-4e9a-9a53-7c631683a7c8 Bulgaria d00ed0cb-1897-47dd-9b74-fe5b90400618 Denmark 2bad5632-f99d-4cb1-bc41-a36c4027706a Germany

Environmental

Environmental Information	9AKK108467A6707
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Ordering

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 (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (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

External Classifications and Standards	
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

Categories

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

