



PRODUCT-DETAILS

E1.2N 1250 Ekip Hi-Touch LSiG 4p F F

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General Information	
Extended Product Type	E1.2N 1250 Ekip Hi-Touch LSiG 4p F F
Product ID	1SDA071479R1
EAN	8015644753290
Catalog Description	E1.2N 1250 Ekip Hi-Touch LSiG 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2N 1250 FIXED FOUR-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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2360
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

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	84fd74af-6360-44f3-9b12-f4c43a1c3e96 Italy
Simplified SCIP	55670bfa-9983-4436-bbed-642813c1a7fc Estonia 09c5d346-adb8-448e-96c2-45da8d378654 Greece 7c140c41-8bad-4368-a008-3f4087c749c7 Hungary 668cfc86-ef0b-4ead-bae9-0c6746c1c830 Poland 7427763e-9968-4210-8352-d27dd381211a France d388564e-ab52-4b1d-95a0-6649e490df62 Sweden 1be63891-2542-4292-9aa9-8ba8dd80ca44 Netherlands 55670bfa-9983-4436-bbed-642813c1a7fc Estonia 4575474c-7e93-4f7a-bc22-bc78523ef33a Spain 516fe91b-7b11-465b-b944-cb44f69e0c8a Poland a5a8294a-6c48-4deb-8aed-bbcafe1f5da9 Sweden 267d0946-02bc-48df-b6f9-493be947b6cf France 87b92fbf-5056-486f-8328-cd290868548f Germany 2e4a721c-29da-4331-af7c-7117283c9803 Germany 7427763e-9968-4210-8352-d27dd381211a France 95bb9eb9-60cc-441c-9b13-df97b6e77e0c Portugal 668cfc86-ef0b-4ead-bae9-0c6746c1c830 Poland ef5bc08e-b189-400d-9cc6-f42aa307dae4 Poland 1be63891-2542-4292-9aa9-8ba8dd80ca44 Netherlands 11e3c299-ce12-4f54-bf0d-d7bf94850f5f Hungary 395841d7-e5e9-4b55-9d22-2bf6b0f3666e Germany 153e6308-dee5-4613-b6c9-e92958aad1d3 Denmark 395841d7-e5e9-4b55-9d22-2bf6b0f3666e Germany 516fe91b-7b11-465b-b944-cb44f69e0c8a Poland ef5bc08e-b189-400d-9cc6-f42aa307dae4 Poland e047ff2f-c258-401a-b80b-019da950358a Finland 09c5d346-adb8-448e-96c2-45da8d378654 Greece bf9bd9cc-ea3a-4447-a4fa-6f9fe213e480 Germany e725c7ef-b54b-41a4-aefd-631538460aec Belgium a5c82a68-e3e8-4ccf-9502-475270a00459 Croatia e047ff2f-c258-401a-b80b-019da950358a Finland d388564e-ab52-4b1d-95a0-6649e490df62 Sweden 5b0717e6-2d0b-48e9-ad77-0371d4e976b0 Germany 413f1105-5a29-43cc-ac5b-158c41aef6d1 Belgium e725c7ef-b54b-41a4-aefd-631538460aec Belgium 05eb1f96-186f-4305-ae2b-9497fc8513f7 Norway 153e6308-dee5-4613-b6c9-e92958aad1d3 Denmark 07950054-0677-4b9d-a82d-f7b192ec8f0b Bulgaria bf9bd9cc-ea3a-4447-a4fa-6f9fe213e480 Germany 413f1105-5a29-43cc-ac5b-158c41aef6d1 Belgium 4575474c-7e93-4f7a-bc22-bc78523ef33a Spain 11e3c299-ce12-4f54-bf0d-d7bf94850f5f Hungary 2e4a721c-29da-4331-af7c-7117283c9803 Germany 07950054-0677-4b9d-a82d-f7b192ec8f0b Bulgaria 51c44b14-5e38-4a24-bb15-951416f7f849 Czech Republic 05eb1f96-186f-4305-ae2b-9497fc8513f7 Norway 5b0717e6-2d0b-48e9-ad77-0371d4e976b0 Germany 267d0946-02bc-48df-b6f9-493be947b6cf France 95bb9eb9-60cc-441c-9b13-df97b6e77e0c Portugal a5c82a68-e3e8-4ccf-9502-475270a00459 Croatia 51c44b14-5e38-4a24-bb15-951416f7f849 Czech Republic 7c140c41-8bad-4368-a008-3f4087c749c7 Hungary 87b92fbf-5056-486f-8328-cd290868548f Germany a5a8294a-6c48-4deb-8aed-bbcafe1f5da9 Sweden

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZANREHBK200A000000XX
EAN	8015644753290
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	16 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644753290

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

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
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
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- Circuit Breaking Capacity (I_{cs})	(220 V AC) 66 kA (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 I_{cu} (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

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

