



PRODUCT-DETAILS

E1.2B 1250 Ekip Dip LSI 4p F F

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General Information	
Extended Product Type	E1.2B 1250 Ekip Dip LSI 4p F F
Product ID	1SDA071452R1
EAN	8015644753023
Catalog Description	E1.2B 1250 Ekip Dip LSI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 1250 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI 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	3970fd65-e818-4737-8598-875771e1f926 Italy
Simplified SCIP	54d4c673-7956-4b39-9ed4-931e2ec730be Poland beb1bcec-a2fe-4448-9dc9-d49c681471c7 France a463b67c-f7e7-4da6-8d1b-2fb1459e78dd Sweden dfa29e50-0cec-4dba-af43-a4cc024a01dd Germany ccf050ac-9993-4cf9-833b-4d136c203337 France c4869521-0663-4e55-b285-75f42eb8f7eb Greece 9fef9031-e83b-4287-83d6-b2965f281fa9 Hungary 11b726df-9b85-4030-92c5-e92bf9d1168a Estonia 11b726df-9b85-4030-92c5-e92bf9d1168a Estonia 43890ef3-d36d-4c3e-b81d-d5b826012bbc Netherlands 9fef9031-e83b-4287-83d6-b2965f281fa9 Hungary 2322a9ab-eeef-4f1e-83ff-8c3b99a5c2c4 Norway 621e45b2-336f-424c-a897-1150a9ab1c59 Denmark 93453d93-2f93-4020-b17a-e2a7de047db1 Germany 27da68da-87b7-4ce3-8fae-a20036bd1758 Finland ea60118b-7457-48bc-9647-6c40cd2bccf7 Sweden d0d6e901-4c08-46de-a6ae-6aba193d0994 Germany 2a6d090c-5a66-4919-b25c-9bb8cf703030 Croatia 868a40f4-ca19-47ce-b657-9da091e675b9 Poland 2322a9ab-eeef-4f1e-83ff-8c3b99a5c2c4 Norway d0d6e901-4c08-46de-a6ae-6aba193d0994 Germany 66b4c120-6a5f-4aee-9cb4-b3348707a27a Germany 66b4c120-6a5f-4aee-9cb4-b3348707a27a Germany 621e45b2-336f-424c-a897-1150a9ab1c59 Denmark 54d4c673-7956-4b39-9ed4-931e2ec730be Poland 93453d93-2f93-4020-b17a-e2a7de047db1 Germany eaae944b-4daf-49c5-bab4-ebd05ecca884 Poland 58d77ec8-cf7c-4d13-b0ce-d3b5cb5cbae3 Belgium c52dd752-9410-47d9-9188-0fa1afc81765 Germany eac52095-9fce-421c-a87a-76e256daf9cf Hungary dfa29e50-0cec-4dba-af43-a4cc024a01dd Germany c52dd752-9410-47d9-9188-0fa1afc81765 Germany 6fe32538-86a3-4972-865c-af13d6483a67 Bulgaria 1163b533-9cc6-4d48-a7e3-056851916157 Czech Republic ea60118b-7457-48bc-9647-6c40cd2bccf7 Sweden beb1bcec-a2fe-4448-9dc9-d49c681471c7 France 1163b533-9cc6-4d48-a7e3-056851916157 Czech Republic 27da68da-87b7-4ce3-8fae-a20036bd1758 Finland 32e99bbb-6f23-46c7-bf2d-22af3a8eecbe Portugal eac52095-9fce-421c-a87a-76e256daf9cf Hungary 32e99bbb-6f23-46c7-bf2d-22af3a8eecbe Portugal 868a40f4-ca19-47ce-b657-9da091e675b9 Poland fe8ab6a3-c8cb-429e-b042-627dc21a1d3b Belgium 58d77ec8-cf7c-4d13-b0ce-d3b5cb5cbae3 Belgium eaae944b-4daf-49c5-bab4-ebd05ecca884 Poland 43890ef3-d36d-4c3e-b81d-d5b826012bbc Netherlands 6fe32538-86a3-4972-865c-af13d6483a67 Bulgaria c2a57317-0b5c-485b-92ac-d3f6f05d8d3d Spain fe8ab6a3-c8cb-429e-b042-627dc21a1d3b Belgium ccf050ac-9993-4cf9-833b-4d136c203337 France c2a57317-0b5c-485b-92ac-d3f6f05d8d3d Spain c4869521-0663-4e55-b285-75f42eb8f7eb Greece 2a6d090c-5a66-4919-b25c-9bb8cf703030 Croatia a463b67c-f7e7-4da6-8d1b-2fb1459e78dd Sweden

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZABREHBB000A000000XX
EAN	8015644753023
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	8015644753023

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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 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 42 kA for 3 s 24 kA
Rated Ultimate Short- Circuit Breaking Capacity (I_{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1250 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSI
Release Type	EL
Short-Circuit Performance Level	B
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

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

