



PRODUCT-DETAILS

E1.2B 1000 Ekip Dip LSI 4p F F

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General Information

Extended Product Type	E1.2B 1000 Ekip Dip LSI 4p F F
Product ID	1SDA071412R1
EAN	8015644752620
Catalog Description	E1.2B 1000 Ekip Dip LSI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 1000 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 1000 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 Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

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	95617479-4b47-46b1-84a2-70a616ca23df Italy
Simplified SCIP	7e3a1393-2bde-4266-954e-aa88b13da9d9 Czech Republic 8291d798-d1d0-4981-b6ac-a65fea670c7b Germany b07bef8b-33bf-420f-95bc-da479cb57980 Estonia a397bd5a-1083-454a-9034-7720c12cb1d9 Bulgaria c6b7958b-a2f4-4955-b259-cfe16c94cf15 Germany 26fb7c92-9483-4936-a96e-cf6770925ce1 France 48d6ca6b-e81f-40a1-b675-5183d7e0fc3d Germany 1511985a-03e8-48a2-a6f0-b03c8948e9ad Norway 90735c80-8b73-4ccd-ba86-06db0ac19c6f Portugal 7e3a1393-2bde-4266-954e-aa88b13da9d9 Czech Republic c2b3801c-2daa-4d5d-8133-070d3523f8e2 Finland a7d98d71-2c7d-40b2-b772-0eb6e932a069 Belgium 531be195-20cb-4e26-852f-e002fced659d Hungary be8ba81e-2b83-424a-804e-133ee59abd27 Croatia 7f63dfc-1bcd-436b-9ded-4dee3a1ca711 Belgium 8c7ca0fb-bb3c-4e8f-a76e-a49841d0f24a Poland 8b79394a-72fa-4bef-975b-f6285068f18e Netherlands 25ff17e7-c263-4ce4-85b9-af225008d14a Poland 90735c80-8b73-4ccd-ba86-06db0ac19c6f Portugal 453b3629-21f9-440e-b037-771715f03ec0 Hungary 7f63dfc-1bcd-436b-9ded-4dee3a1ca711 Belgium c373a89c-541b-4636-9b9a-f7df2b831265 Spain fd33d4ca-0645-4122-9a6f-d840b6abfb87 Sweden 6d04c019-41a5-4a8d-b12b-1349a06c57f5 Greece a397bd5a-1083-454a-9034-7720c12cb1d9 Bulgaria 98b622f0-ec74-4cb5-a319-2a20ccc1020f Poland 26fb7c92-9483-4936-a96e-cf6770925ce1 France fd33d4ca-0645-4122-9a6f-d840b6abfb87 Sweden 8291d798-d1d0-4981-b6ac-a65fea670c7b Germany 6955f0c1-99af-4361-9091-f3776e858627 France 531be195-20cb-4e26-852f-e002fced659d Hungary 3c9b3909-e43b-4936-add4-b7fe1f8f694f Sweden b07bef8b-33bf-420f-95bc-da479cb57980 Estonia 6955f0c1-99af-4361-9091-f3776e858627 France 453b3629-21f9-440e-b037-771715f03ec0 Hungary 8b79394a-72fa-4bef-975b-f6285068f18e Netherlands c373a89c-541b-4636-9b9a-f7df2b831265 Spain 6d04c019-41a5-4a8d-b12b-1349a06c57f5 Greece e154d4ad-1660-4513-a0a9-4e6d3138f179 Germany c6b7958b-a2f4-4955-b259-cfe16c94cf15 Germany 8c7ca0fb-bb3c-4e8f-a76e-a49841d0f24a Poland a7d98d71-2c7d-40b2-b772-0eb6e932a069 Belgium 69260219-822b-4ca8-a15d-66e59d9fdc62 Denmark 71b912a9-6163-489a-870e-5cfd3ddc97cd Germany 1511985a-03e8-48a2-a6f0-b03c8948e9ad Norway 71b912a9-6163-489a-870e-5cfd3ddc97cd Germany c2b3801c-2daa-4d5d-8133-070d3523f8e2 Finland 98b622f0-ec74-4cb5-a319-2a20ccc1020f Poland 25ff17e7-c263-4ce4-85b9-af225008d14a Poland be8ba81e-2b83-424a-804e-133ee59abd27 Croatia 69260219-822b-4ca8-a15d-66e59d9fdc62 Denmark 3c9b3909-e43b-4936-add4-b7fe1f8f694f Sweden 48d6ca6b-e81f-40a1-b675-5183d7e0fc3d Germany e154d4ad-1660-4513-a0a9-4e6d3138f179 Germany

Environmental	
Environmental Information	9AKK108467A6707

Ordering	
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Order Code US and Canada	ZABQEGBB000A000000XX
EAN	8015644752620
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	8015644752620

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 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4P
Power Loss	78 W
Rated Current (I _n)	1000 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)	1000 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
Instructions and Manuals	1SDH000999R0002

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

