



PRODUCT-DETAILS

E4.2V 2500 Ekip Dip LSIG 3p F HR

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General Information	
Extended Product Type	E4.2V 2500 Ekip Dip LSIG 3p F HR
Product ID	1SDA071123R1
EAN	8015644749736
Catalog Description	E4.2V 2500 Ekip Dip LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 2500 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 2500 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	9AKK108468A2363
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 79.3 %

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	d6a77472-7870-41be-a2fb-45c650173dd0 Italy
Simplified SCIP	3e69484b-e30e-4b50-9fd7-2ad6eb8b9b04 Germany fac2ac51-f936-4676-af1a-09f9c8b8346c Greece 59ab615a-030d-49a9-aa7e-cf60d28a73ec Estonia fcbba79e-8fcb-4fc2-87dc-cf9102e6592a Sweden 4b6c006d-0362-4b60-87e4-60fc384ffe63 Germany 93e0e603-e475-42f7-8d68-a9f9d857214b Belgium 501f1b42-769b-45e5-95c5-e5fb5bd86aa5 Bulgaria ddd90e81-dca0-4c49-92f8-de33b8fc6a8d Germany cfc6137a-fdcf-4f19-bbe8-fa828af56906 Denmark a6932c61-fcce-4d33-b01b-132078167178 France 6a21a9ba-fbb8-4c0e-8e05-8d00642d8020 Croatia 60fc5c02-da68-40e5-b1e5-f0eef24e4304 Germany 0f47dead-b275-4f6b-af3d-f1941fdfb832 Germany 91fd3b31-4f85-4f71-86e1-45608623139b Finland 0cafed6f-fe21-46b7-9c4a-2acc03093c33 France fd51c1e1-b0cf-445d-9dfd-544f35ae1bac Netherlands 2ce23f30-84a9-498b-89b3-efe7457ff1e2 Poland 2a91ded6-ad0b-4126-a1fa-a954d7bb91a0 Norway da2641cf-cdc7-4b76-ba3e-c11f7f6c8fcc Hungary 7bb5413e-d204-435e-a520-66ad71d921eb Poland Od45ebd1-d8c0-4cc5-88b9-81d8a83f7ee3 Czech Republic 759c0129-96b2-4eca-9f19-dd4574dbc8d6 Sweden 592dbdc3-ecda-4104-a71b-d7d826f0d573 Portugal fd425ca7-18d9-44c0-a8f0-e9ea6b866217 Poland 795156c5-6121-4538-88a2-b21ca55dad76 Belgium a0b1b850-9164-4e5f-9a5a-9c82bd0c2ff5 Spain b60371d7-e353-4760-b757-1db186562983 Hungary

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	Z4VUELBC000A000000XX
EAN	8015644749736
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	384 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm

Product Net Weight	56 kg
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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	63 kg
Package Level 1 EAN	8015644749736

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0171

Technical

Current Type	AC
Electrical Durability	Ue ≤ 440 V 8000 cycle Ue = 500 ... 690 V 8000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	425 W
Rated Current (I _n)	2500 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) 150 kA (230 V AC) 150 kA (380 V AC) 150 kA (400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 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 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA

	(525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I _u)	2500 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2
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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002

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

