



 PRODUCT-DETAILS

E2.2S 1600 Ekip Dip LSIG 4p WMP

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General Information

Extended Product Type	E2.2S 1600 Ekip Dip LSIG 4p WMP
Product ID	1SDA072983R1
EAN	8015644768331
Catalog Description	E2.2S 1600 Ekip Dip LSIG 4p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E2.2S 1600 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R1600 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	e7fed574-7e4c-407d-8727-9c64c295f1db Italy
Simplified SCIP	c67f26f0-55dc-471d-b045-81719704a6e0 Germany 0af2cfa3-15a6-40a9-aaeb-518c01e1d6c2 Spain 39c1874e-37fb-46a9-bb17-8a43ef604926 Belgium ef874c67-0071-4b5a-830f-c5c3d194939e France 81dff1d0-292b-400f-a4a7-22e179ddaac Hungary b64104d4-c4ef-4239-87c8-84e4dea026de France 9734f0c1-87e5-4a3a-b329-13025f63acb6 Norway 26346eb6-57db-41b5-bf40-8d329b4b63d2 Finland 22ab5156-d579-4f10-9b01-a5b5fc61cfb3 Greece e967fd04-89b9-4d56-afe1-243506e55ec3 Netherlands 747356d9-8ef6-4800-8531-86aa8e7c7184 Estonia 049a622e-549e-4ae8-9e49-835d2392d22b Germany 68f38bec-ae52-470f-9a0e-4aac3aaba751 Denmark 5fb331bd-65f4-4c32-b6ec-53cb9136a6f3 Germany 265ca643-5130-4e4c-9a44-5d760ef243f8 Belgium 763beba7-11f1-4591-addf-c519ac22dd35 Sweden 2a487862-633b-4dc8-89da-ec7e075f8c31 Germany 9f0d14d2-f1a7-422f-960a-cd1d71e9027b Germany e97248b9-ff04-49a6-9db6-c85b24fa5715 Croatia 06c22c2b-b001-464c-aaba-5447fe5fe87a Poland 43a99071-5b45-4426-9bbb-f7efb759d9f3 Hungary 917e9505-d4c6-467c-b636-f74f4223391f Czech Republic be1b24c8-b3b6-465c-ad31-21903b903823 Poland ceefb118-0a40-44c1-b748-37a42ad223a3 Poland 7eb809d3-844b-4eb6-981b-8878f6dae449 Sweden 19ad5206-c680-4bdf-8d76-6fe23a7ab1ee Bulgaria d14c10de-2da0-4dff-97e5-1388686c0abc Portugal

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZBSSEJAC000A000000XX
EAN	8015644768331
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	407 mm
Product Net Height	425 mm
Product Net Depth / Length	383 mm

Product Net Weight	55 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	60 kg
Package Level 1 EAN	8015644768331

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0432

Technical

Current Type	AC
Electrical Durability	U _e = < 440 V 12000 cycle U _e = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4P
Power Loss	288 W
Rated Current (I _n)	1600 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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-	(400 V AC) 85 kA

Circuit Breaking Capacity (I_{cu})	(415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	1600 A
Rated Voltage (U_r)	690 V
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC
Sub-type	E2.2
Suitable for IT Networks	Yes, 690V

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	1SDH001000R0102
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

