



 PRODUCT-DETAILS

E1.2B/MS 1600 4p F F

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General Information

Extended Product Type	E1.2B/MS 1600 4p F F
Product ID	1SDA073439R1
EAN	8015644772895
Catalog Description	E1.2B/MS 1600 4p F F
Long Description	C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E1.2B/MS 1600 FIXED FOUR-POLE WITH FRONT TERMINALS

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	b808b132-729f-4cff-b08c-fe3a05d24e1b Italy
Simplified SCIP	b96b5e7a-68c2-4827-a025-ad289561358f Germany 2321bb3e-01b2-4c0a-8b5b-9016e7cfb572 Germany 308865a7-2f6b-44aa-bf89-9269f9e80046 Portugal 0fc65000-8745-465e-b391-b4490338a54f Poland 58708fd3-91f7-46b0-85f4-3bcd63cc36c5 Poland f0e40cec-8e8a-42f1-96e7-d0a9d501ed08 Bulgaria 684efd21-799e-47a7-bbfb-9272f2b4ffcc Netherlands 87fa6591-a6ee-4e44-b615-9ffd2b141298 Czech Republic 06885288-6d43-4c51-a3fd-2dbfc590462f Poland 7750cb77-c0ce-4875-8845-7eddfc38394b Finland 546825cf-ff6d-4ca6-b579-7532a03ab706 Norway 2c47bc0c-b922-4d64-823f-3158d47d387b Sweden 36b8c8e2-6904-4f82-980f-d1a41507586b Hungary 82d91772-8a19-4a26-9c35-a5a33bfd560 Estonia 8786470a-f53d-4f5c-b602-4a6bb887533a Belgium 732666bc-d8a5-41dd-abbf-cd6549374a40 Germany 4167448c-0ca1-4339-8eef-c1e317f650b3 Greece f123460b-b103-4b60-8cda-6fdf19d7c853 Germany 99ef5968-4cf8-4625-9336-cc9835a1a7a2 France f12869da-8c44-4a0c-a99b-f39da94dd14b Belgium 204c3cd2-02c5-4cd2-abaf-5acf88e08324 Spain 561cb3a5-95e0-4524-816a-474edeb366cc Hungary eda463b9-9d25-46a7-ac5f-8928b34ce845 Croatia b5da8bd1-eb25-4adc-be50-b56ba76703e2 Germany 86eba22b-7190-4f29-8af0-a9ed7aa7b208 France 19d0a3d2-8d4e-4066-b464-02c47e405b98 Denmark cd0ce256-4510-49a8-b9d6-9c27292698ff Sweden

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZABS00B00000000000XX
EAN	8015644772895
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	8015644772895

Additional Information

Product Main Type	SACE Emax 2
Product Name	Switch Disconnecter
Product Type	Switch Disconnecter
Version	F
CAD Dimensional Drawing	1SDH001252R0042

Technical

Current Type	AC
Electrical Durability	U _e =< 440 V 8000 cycle U _e = 500 ... 690 V 6500 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	201 W
Rated Current (I _n)	1600 A
Rated Impulse Withstand Voltage (U _{imp})	12 kV
Rated Insulation Voltage (U _i)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 42 kA for 3 s 24 kA
Rated Uninterrupted Current (I _u)	1600 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M10
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	E1.2
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	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
IDEA Granular Category Code (IGCC)	5293 >> Switch disconnecter
Object Classification Code	Q
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27371403

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

