



 PRODUCT-DETAILS

E1.2N/MS 1600 4p F F

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General Information

Extended Product Type	E1.2N/MS 1600 4p F F
Product ID	1SDA073440R1
EAN	8015644772901
Catalog Description	E1.2N/MS 1600 4p F F
Long Description	C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E1.2N/MS 1600 FIXED FOUR-POLE WITH FRONT TERMINALS

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group	UL 2799 Zero Waste To Landfill Validation available
Waste To Landfill Target	
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	9ce91a61-5ff1-4451-901c-e687f35f8674 Italy
Simplified SCIP	693e1066-232d-46f1-aa5d-36edc23954ba Spain 90ced965-a0f0-4400-8c4a-d1009b4f3aaa Belgium 61edc3c9-2cc9-4709-a1c4-723f5f31eaf1 France 26ee8a3c-d3e0-4666-83b8-8e5aa0b9aae4 Hungary 639911d1-cb7c-48eb-8100-bb81ee6c34b5 Croatia 82db6b0a-8d80-43ee-9775-e65630c95d52 Germany 1e68d9e9-6b75-44db-b282-83b00ab9be6b Sweden bd132927-bf26-4a04-b754-5d8a5669c625 France 3cc11e1f-985d-44f6-a476-2061ef0f100f Denmark 02804381-9698-4a02-bb1b-76eb3bca2e54 Germany beaff0aa-f2d4-4aac-9511-218f0655a01d Germany 923e20ec-5256-40b9-b38f-fa585482ce9b Germany 64002255-75ad-4df1-9267-5157352a5b4a Czech Republic 5414d6f8-be6d-4559-aac6-5c9b0311ec3d Germany 5f2484ff-e4db-488c-85d0-aa518864dbbc Portugal e417d51a-f95b-4348-94fd-457a9a50b1cb Bulgaria 3ade9161-e1a6-444b-a1eb-e50336b57845 Poland 1cfa9238-ba30-44ed-8207-7cd704321554 Poland 538d880b-c4a6-4f3a-9fef-56d67d03000a Belgium 5626d4ae-50d9-4bbe-9cea-a0ec1d3d31e4 Finland 4b5cd2c5-c1ab-41e5-9fb1-ad15e567f4b7 Poland 51435ed3-8313-4eda-bd58-1ee48b8d6fcb Hungary de9f1d0d-2d0e-4b9a-a2b6-618f7d93bae9 Estonia 849244cf-19e5-46e4-9dff-4b43161961e8 Greece ce0d0010-3ded-4e5a-984f-42f22d87ff25 Sweden 607c6965-c6c7-415b-ac95-6ec0ee9fd0cb Netherlands 22362780-561b-4c7b-a346-a88269fa77e8 Norway

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZANS00B00000000000XX
EAN	8015644772901
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	8015644772901

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 50 kA for 3 s 30 kA
Rated Uninterrupted Current (I _u)	1600 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M10
Short-Circuit Performance Level	N
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

