



 PRODUCT-DETAILS

E1.2B/MS 1600 3p F F

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General Information

Extended Product Type	E1.2B/MS 1600 3p F F
Product ID	1SDA073400R1
EAN	8015644772505
Catalog Description	E1.2B/MS 1600 3p F F
Long Description	C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E1.2B/MS 1600 FIXED THREE-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	e424903f-9106-47c3-9523-6ac9f7bdb35b Italy
Simplified SCIP	be692b5c-2d31-4b86-9afa-7c2014ba1ace Denmark 3921b730-8c01-42a6-88e8-7e3439c6f8e4 Greece a6331bb5-59a8-4279-85c3-439430a29c32 Belgium 88688b31-8430-46f4-a0e6-b44490630d51 Germany 8dae02a8-a1e3-4453-a916-40b0bd4faeae France facd020a-5437-4f42-afae-873c7a97ec6e Germany 5effe2ff-b042-4813-a9b1-ea7e887147c8 Croatia 7499a5b3-7649-4fe6-8363-d8e673c72c89 Sweden fae5e0ee-8509-44c4-a6af-ee29e26f8aed Germany 4fdda983-0223-4824-8c51-55335927b64e Germany 4d7ee332-1efa-407b-b4ab-708adfdc4963 France 5e15a3dc-1962-42ad-98b9-6e5afe8a2998 Spain 4a3f69ec-198e-4cef-b392-448bd868d834 Hungary 3622efe7-4495-4eec-be6e-5b5879befb63 Belgium c3119f34-ade4-4ab8-ad4c-98643d26b7b5 Bulgaria 76b5b189-9e78-49e5-900f-79f8d2c1c3fb Netherlands 46d89f8b-6af5-498a-8aea-d05039be2105 Poland 43bd2892-e5d7-4792-aefc-4d079451f381 Poland 0a5fbc9f-8d50-4eae-be6b-6308708adeef Germany e58c2dd1-9b41-4f2a-9569-dc7d620bd900 Portugal cc93fa32-7171-4448-804d-d0286184250e Czech Republic fca39930-476a-4e7e-9a5e-a8b20f57b1b6 Sweden 4f575457-7d72-4a58-9e18-cc1ff52e5fa1 Norway 8456ef92-5c00-439e-8922-1544ccb2a0 Finland 25fe2a93-bb61-415f-b4cc-20ec28d96efc Hungary 737247bd-1588-4cbc-8829-e99878530025 Estonia 5181b800-1b58-4cea-bdab-b8cb46758488 Poland

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	Z1BS00B00000000000XX
EAN	8015644772505
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm

Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	8015644772505

Additional Information

Product Main Type	SACE Emax 2
Product Name	Switch Disconnecter
Product Type	Switch Disconnecter
Version	F
CAD Dimensional Drawing	1SDH001252R0001

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
Number of Poles	3P
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

