

PRODUCT-DETAILS

E2.2N/MS 1000 3p F HR

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**General Information**

Extended Product Type	E2.2N/MS 1000 3p F HR
Product ID	1SDA073404R1
EAN	8015644772543
Catalog Description	E2.2N/MS 1000 3p F HR
Long Description	C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E2.2N/MS 1000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL

**ABB EcoSolutions**

ABB EcoSolutions	Yes
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**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2361
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

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## Eco Transparency

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Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
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## Environmental

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Environmental Information	9AKK10103A1038 9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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## Ordering

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Order Code US and Canada	Z2NQ00B0000000000000XX
EAN	8015644772543
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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## Dimensions

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Product Net Width	276 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 kg

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## Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644772543

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## Additional Information

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Current Type	AC
Electrical Durability	U <sub>e</sub> ≤ 440 V 15000 cycle U <sub>e</sub> = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	53 W
Product Main Type	SACE Emax 2
Product Name	Switch Disconnecter
Product Type	Switch Disconnecter
Rated Current (I <sub>n</sub> )	1000 A
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
Rated Insulation Voltage (U <sub>i</sub> )	AC 1000 V

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Rated Operational Voltage	690 V AC
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 66 kA for 3 s 50 kA
Rated Uninterrupted Current ( $I_U$ )	1000 A
Recommended Screw Driver	Main Circuit M12
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E2.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0083

## 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	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002

## Classifications

ETIM 7	EC000216 - Switch disconnecter
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

