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 PRODUCT-DETAILS

# E1.2N/MS 1600 3p F F

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**General Information**

Extended Product Type	E1.2N/MS 1600 3p F F
Product ID	1SDA073401R1
EAN	8015644772512
Catalog Description	E1.2N/MS 1600 3p F F
Long Description	C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E1.2N/MS 1600 FIXED THREE-POLE WITH FRONT TERMINALS

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**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 %

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## Material Compliance

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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

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## Environmental

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Environmental Information	9AKK108467A6707
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## Ordering

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Order Code US and Canada	Z1NS00B00000000000XX
EAN	8015644772512
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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## Dimensions

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

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## Container Information

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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	8015644772512

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## Additional Information

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

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## Technical

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Current Type	AC
Electrical Durability	Ue =< 440 V 8000 cycle Ue = 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 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 disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
IDEA Granular Category Code (IGCC)	5293 >> Switch disconnector
Object Classification Code	Q
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27371403

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## Categories

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

