



PRODUCT-DETAILS

E2.2N/MS 1600 3p F HR

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General Information	
Extended Product Type	E2.2N/MS 1600 3p F HR
Product ID	1SDA073409R1
EAN	8015644772598
Catalog Description	E2.2N/MS 1600 3p F HR
Long Description	C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E2.2N/MS 1600 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)		
End of Life Instructions		9AKK108468A2361
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available	
Toxic Substances Control Act - TSCA		9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1902
	9AKK108468A1909

Environmental

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

Ordering

Order Code US and Canada	Z2NS00B00000000000XX
EAN	8015644772598
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

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

Container Information

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	8015644772598

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour

Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	136 W
Product Main Type	SACE Emax 2
Product Name	Switch Disconnecter
Product Type	Switch Disconnecter
Rated Current (I_n)	1600 A
Rated Voltage (U_r)	690 V
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 66 kA for 3 s 50 kA
Rated Uninterrupted Current (I_u)	1600 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

