



PRODUCT-DETAILS

XT4X 160 MA 100 Im=500...1000 3p F F

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General Information

Extended Product Type	XT4X 160 MA 100 Im=500...1000 3p F F
Product ID	2TFN002021A1001
Catalog Description	XT4X 160 MA 100 Im=500...1000 3p F F
Long Description	XT4X 160 MA 100 Im=500...1000 3p F F

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	9AKK108468A2351
Environmental Product Declaration - EPD	9AKK108469A1857
Extended Product Lifetime	Product Modularity
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 56.3 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Customs Tariff Number	85362000
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Dimensions

Product Net Width	105.0 mm
Product Net Height	160.0 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.5 kg

Container Information

Package Level 1 Width	170 mm
Package Level 1 Height	213 mm
Package Level 1 Depth / Length	150 mm
Package Level 1 Gross Weight	2.6 kg

Additional Information

Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F

Technical

Current Type	AC/DC
Electrical Durability	10000 cycle 120 cycles per hour
Mechanical Durability	25000 cycle 240 cycles per hour

Number of Poles	3P
Power Loss	at Rated Operating Conditions per Pole 6.2 W
Rated Current (I _n)	100 A
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Insulation Voltage (U _i)	1000 V
Rated Operational Voltage	690 V AC 750 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 200 kA (415 V AC) 200 kA (440 V AC) 200 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA (250 V DC) 2 Poles in Series 100 kA (500 V DC) 2 Poles in Series 100 kA (500 V DC) 3 Poles in Series 100 kA (750 V DC) 3 Poles in Series 70 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 200 kA (415 V AC) 200 kA (440 V AC) 200 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA (250 V DC) 2 Poles in Series 100 kA (500 V DC) 2 Poles in Series 100 kA (500 V DC) 3 Poles in Series 100 kA (750 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted Current (I _u)	160 A
Release	MA
Release Type	M
Short-Circuit Performance Level	X
Standards	IEC60947-2 GB/T 14028.2
Sub-type	XT4
Terminal Connection Type	Front

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5529
Instructions and Manuals	1SDH000722R0001

External Classifications and Standards

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

