

PRODUCT-DETAILS

# XT4N 250 TMF 100-1000 3p F F UL/CSA

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## General Information

Extended Product Type	XT4N 250 TMF 100-1000 3p F F UL/CSA
Product ID	1SDA080102R1
EAN	8015644866310
Catalog Description	XT4N 250 TMF 100-1000 3p F F UL/CSA
Long Description	C.BREAKER TMAX XT4N 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 100-1000 A

## ABB EcoSolutions

ABB EcoSolutions	Yes
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## Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 58.5 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2351

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Target

Toxic Substances  
Control Act - TSCA

9AKK108467A8326

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## Eco Transparency

Environmental Product  
Declaration - EPD

9AKK108468A1892

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## 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

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## Ordering

Order Code US and  
Canada

XT4NU3100AFF000XXX

EAN

8015644866310

Minimum Order Quantity

1 piece

Customs Tariff Number

85362090

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## Dimensions

Product Net Width

105 mm

Product Net Height

160 mm

Product Net Depth /  
Length

82.5 mm

Product Net Weight

2.5 kg

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## Container Information

Package Level 1 Units

box 1 piece

Package Level 1 Width

145 mm

Package Level 1 Height

210 mm

Package Level 1 Depth /  
Length

168 mm

Package Level 1 Gross  
Weight

2.5 kg

Package Level 1 EAN

8015644866310

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## Additional Information

Circuit Breaker Type to  
be Associated

Power Distribution

Connecting Capacity  
Main Circuit

Busbar 85..200 mm<sup>2</sup>

Current Type

AC/DC

Electrical Durability

120 cycles per hour

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Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 6.2 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I <sub>n</sub> )	100 A
Rated Voltage (U <sub>r</sub> )	600 V
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	1000 A
Rated Operational Voltage	600 V AC 600 V DC
Rated Uninterrupted Current (I <sub>u</sub> )	250 A
Recommended Screw Driver	Main Circuit M8
Release	TMF
Release Type	TM
Setting Range	100 A
Short-Circuit Performance Level	N
Standards	UL
Sub-type	XT4
Suitable for Product Class	SACE Tmax XT
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1003

## Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 65 kA (480 V AC) 25 kA (600 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (600 V DC) 3 Poles in Series 35 kA
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## Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	9AKK10103A3908
Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK106713A5529
UL Certificate	1SDL000163R0114

# XT4N 250 TMF 100-1000 3p F F UL/CSA

Dimension Diagram	1SDH000722R0100
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0003 1SDH000721R0505

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## Classifications

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ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
IDEA Granular Category Code (IGCC)	4927 >> Molded case circuit breakers
Object Classification Code	Q
UNSPSC	39121616
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

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## Categories

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

