



PRODUCT-DETAILS

# XT4N 250 TMF 250-2500 3p F F UL/CSA

## XT4N 250 TMF 250-2500 3p F F UL/CSA



General Information	
Extended Product Type	XT4N 250 TMF 250-2500 3p F F UL/CSA
Product ID	1SDA080116R1
EAN	8015644866457
Catalog Description	XT4N 250 TMF 250-2500 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 250-2500 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.30 %
End of Life Instructions	9AKK108468A2351

Group Waste to Landfill  
Target

UL 2799 Zero Waste To Landfill Validation available

### Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1892

### Environmental

Environmental Information 9AKK108467A6707

### Material Compliance

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

### Ordering

Order Code US and Canada XT4NU3250AFF000XXX  
 EAN 8015644866457  
 Minimum Order Quantity 1 piece  
 Customs Tariff Number 85362090

### Dimensions

Product Net Width 105 mm  
 Product Net Height 160 mm  
 Product Net Depth / Length 82.5 mm  
 Product Net Weight 2.5 kg

### 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 8015644866457

## Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Suitable for Product Class	SACE Tmax XT
Version	F
CAD Dimensional Drawing	1SDH002230A1003

## Technical

Connecting Capacity Main Circuit	Busbar 85..200 mm <sup>2</sup>
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
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 16.4 W
Rated Current (I <sub>n</sub> )	250 A
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	2500 A
Rated Operational Voltage	600 V AC 600 V DC
Rated Uninterrupted Current (I <sub>u</sub> )	250 A
Rated Voltage (U <sub>r</sub> )	600 V
Recommended Screw Driver	Main Circuit M8
Release	TMF
Release Type	TM
Setting Range	250 A
Short-Circuit Performance Level	N
Standards	UL489
Sub-type	XT4
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m

## 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

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ATEX Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	9AKK10103A3908
Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK106713A5529
UL Certificate	1SDL000163R0114
VDE Certificate	No certification needed
Dimension Diagram	1SDH000722R0100
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0003 1SDH000721R0505

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### Classifications

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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

