



PRODUCT-DETAILS

# XT4H 250 TMF 250-2500 3p F F UL/CSA

## XT4H 250 TMF 250-2500 3p F F UL/CSA



General Information	
Extended Product Type	XT4H 250 TMF 250-2500 3p F F UL/CSA
Product ID	1SDA080084R1
EAN	8015644866136
Catalog Description	XT4H 250 TMF 250-2500 3p F F UL/CSA
Long Description	XT4H 250 TMF 250-2500 3p F F UL/CSA

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 Group Waste to Landfill	9AKK108468A2351 UL 2799 Zero Waste To Landfill Validation available

Target

**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

SCIP 3debab55-3fdb-4521-9b72-957a044e7499 Italy (IT)

Simplified SCIP 2f1bb621-8011-4618-b861-afdd4aa334ae France (FR)  
 04054a69-23a6-455a-9502-369c0463bb6e Hungary (HU)  
 44c76683-c2c0-43bb-bc0b-9de82db9f85e Spain (ES)  
 cd1ad214-92b9-4d98-9c80-fe4f51668f99 Belgium (BE)  
 cbe02331-da44-4add-8773-b0c02e80fb3b Germany (DE)  
 268d5d11-852a-42f8-b0ea-3640365013ab Czech Republic (CZ)  
 8436b09a-31ee-47d3-a2ea-f15373899c32 Germany (DE)  
 f25aad1d-ceba-48fc-a137-6a53a6a56b77 Croatia (HR)  
 0fda1413-8fd9-4bf7-92a0-2dbb29c218d7 Denmark (DK)  
 7582b216-7129-42a6-baf0-767ec509fa5f Sweden (SE)  
 0170bc93-8951-4dd4-8ee4-6fd0ac67b836 Portugal (PT)  
 150b0d9b-e92c-4c03-9f66-cf1aadb79649 Germany (DE)  
 808eb8b1-bedf-46e4-87a7-1e46355e4c53 Belgium (BE)  
 855770ca-2d57-4f9d-84ab-91eec94296ef Estonia (EE)  
 37962318-d29c-43b3-97d8-53250ae2ae71 Hungary (HU)  
 ead7af72-691f-45a8-94ec-962b6c3b8e59 Poland (PL)  
 b37b5a3c-8654-40ab-b667-08a099434150 Germany (DE)  
 891e764e-171b-4409-816d-6b1aa2b96f3f France (FR)  
 5355e12e-7feb-4972-848a-0a49b43547d6 Norway (NO)  
 7ec83f7e-cba2-4518-a8f7-e94ae8919464 Netherlands (NL)  
 fac58dc7-1d91-4422-9c8f-3f3fd64e4edf Sweden (SE)  
 2580a109-5802-4303-9624-2c8433604087 Bulgaria (BG)  
 7ec5b6f5-80d4-4e69-9761-11c6f88f0241 Poland (PL)  
 5fa48c9b-14ab-4927-9270-c1cf45928902 Poland (PL)  
 a0858425-ee09-4ed1-a312-ae778e34ffed Finland (FI)  
 5bcc7647-c06b-40de-8783-780c2b009355 Greece (GR)  
 afd68ea0-3d00-48b7-b6a4-c95cee190543 Germany (DE)

**Ordering**

Order Code US and Canada XT4HU3250AFF000XXX

EAN 8015644866136

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	8015644866136

## 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 ( $I_n$ )	250 A
Rated Instantaneous Short-Circuit Current Setting ( $I_i$ )	2500 A
Rated Operational Voltage	600 V AC 600 V DC
Rated Uninterrupted Current ( $I_u$ )	250 A
Rated Voltage ( $U_r$ )	600 V
Recommended Screw	Main Circuit M8

Driver	
Release	TMF
Release Type	TM
Setting Range	250 A
Short-Circuit Performance Level	H
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) 150 kA (480 V AC) 65 kA (600 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (600 V DC) 3 Poles in Series 65 kA
-----------------------------------	---

### Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	9AKK10103A3908
Data Sheet, Technical Information	2CDC210017C0101 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

### Classifications

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

---

## Categories

---

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

