





# XT3N 250 TMD 200-2000 4p F F InN=100%

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## General Information

### Extended Product Type:

XT3N 250 TMD 200-2000 4p F F InN=100%

### Product ID:

1SDA068069R1

### EAN:

8015644019709

### Catalog Description:

XT3N 250 TMD 200-2000 4p F F InN=100%

### Long Description:

C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 200-2000 A FULLY RATED NEUTRAL

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**ABB EcoSolutions**

**ABB EcoSolutions:**

Yes

**ABB Site Meeting Group Waste To Landfill Target:**

UL 2799 Zero Waste To Landfill Validation available

**End Of Life Disassembling Instructions:**

[Disassembly instructions Tmax XT XT3](#)

**Environmental Product Declaration - EPD:**

[EPD Tmax XT XT3 \(IT\)](#)

[EPD Tmax XT XT3 \(CN\)](#)

**Recyclability Rate of the Product acc. to EN45555:**

Design for Closing Resource Loops - Standard EN45555 - 56.6 %

**Material Compliance**

**REACH Declaration:**

[REACH Declaration ABB Sace circuit breakers](#)

**RoHS Information:**

[RoHS Declaration ABB Sace circuit breakers](#)

**RoHS Status:**

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

**Conflict Minerals Reporting Template (CMRT):**

[CMRT - Conflict Minerals Reporting Template](#)

**Toxic Substances Control Act - TSCA:**

[Toxic Substances Control Act \(TSCA\) declaration](#)

**SCIP:**

8c4f460c-5c0d-41ad-a7e9-12f9f039f2b3 Italy

**Simplified SCIP:**

f24d434b-9b47-4454-b82a-c25978143705 Germany  
d8ee65dc-ad0e-4b5d-80c9-04e4739e1e76 Germany  
aeebdded1-e22a-407d-855a-49c2ba1ed405 Sweden  
aa3e884f-8b19-4c79-9282-9494962cb6a9 Denmark  
acac8e29-8908-4270-b65a-9534dc1a80d1 Germany  
33e3fec6-e210-46a7-af60-66e9b017c869 Poland  
f5bd2133-4ad6-4697-a26f-ed09f98fc9a9 Norway  
19fd072b-6ee9-47bb-99cc-e48ff3e59560 Finland  
83dbbce6-4dc1-41a5-ae5e-66e03aa699b3 Netherlands  
8ae769d9-6e31-4a67-9f5a-29cf2cbea629 Netherlands  
460c076b-f5d9-41f4-aa7d-1fbd1f8a5d62 Croatia  
3bbe34a5-20ff-4326-8f96-2cbea3ffa60b Czech Republic  
96276717-eb8f-4d0b-ab80-1e711f18e943 Poland  
f768f7b0-3b82-4d33-9ddc-1b5745e76fe6 Netherlands  
d0aafe7c-d47a-4eb1-823a-4ec1f764907a Estonia  
63dd3660-5542-4381-9b4c-bf27369ce6a5 Greece  
b1e1bf05-3832-46a0-880a-049f8a0e69c4 Portugal  
4fad311b-d1ca-42d8-91a9-d80bbdc221f5 Bulgaria

eb289746-7671-4caf-a1ff-47713ce74aae Sweden  
88ab3892-a3fb-46db-abd7-9a05f2efdc8c Poland  
4fabb48e-d088-4220-b301-7423001f28e3 France  
c58550ca-bfb8-41ca-a707-efa98b5d5223 Germany  
707369a8-966a-4e39-8c0f-043a35073236 Germany  
a960ba21-1447-43a4-93d5-fcd7763a2874 France  
9658eb56-033b-45f7-8f6c-3ca33bf08ea4 Netherlands  
0ab5b722-1d9d-47e8-975a-1fd3a89a2b59 Spain  
39ba492a-8054-46d9-8b8b-0994015d33ec Netherlands

## Environmental

### Environmental Information:

[Breakers - Packaging disposal information](#)

## Ordering

### Order Code US and Canada:

XT3NE4200AFF000XXX

### E-Number (Norway):

4309762

### EAN:

8015644019709

### Minimum Order Quantity:

1 piece

### Customs Tariff Number:

85362090

## Dimensions

### Product Net Width:

140 mm

### Product Net Height:

150 mm

### Product Net Depth / Length:

70 mm

### Product Net Weight:

2.1 kg

## Container Information

### Package Level 1 Units:

box 1 piece

### Package Level 1 Width:

155 mm

### Package Level 1 Height:

190 mm

### Package Level 1 Depth / Length:

155 mm

### Package Level 1 Gross Weight:

2.222 kg

### Package Level 1 EAN:

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

Version:

F

CAD Dimensional Drawing:

XT3 4p FIXED E

Technical

Connecting Capacity Main Circuit:

Busbar 85..192 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:

4P

Opening Time:

CB with SOR 30 ms

CB with UVR 30 ms

Order Multiple:

1 piece

Power Loss:

at Rated Operating Conditions per Pole 13.2 W

Rated Current (I<sub>n</sub>):

200 A

Rated Frequency (f):

50 / 60 Hz

Rated Impulse Withstand Voltage (U<sub>imp</sub>):

8 kV

Rated Instantaneous Short-Circuit Current Setting (I<sub>i</sub>):

2000 A

Rated Insulation Voltage (U<sub>i</sub>):

800 V

Rated Operational Voltage:

690 V AC

500 V DC

**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):**

(220 V AC) 50 kA  
(230 V AC) 50 kA  
(240 V AC) 50 kA  
(380 V AC) 27 kA  
(415 V AC) 36 kA  
(440 V AC) 19 kA  
(500 V AC) 15 kA  
(525 V AC) 9.75 kA  
(690 V AC) 3.75 kA  
(250 V DC) 2 Poles in Series 36 kA  
(500 V DC) 3 Poles in Series 50 kA

**Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):**

(220 V AC) 50 kA  
(230 V AC) 50 kA  
(240 V AC) 50 kA  
(380 V AC) 36 kA  
(415 V AC) 36 kA  
(440 V AC) 36 kA  
(500 V AC) 20 kA  
(525 V AC) 13 kA  
(690 V AC) 5 kA  
(250 V DC) 2 Poles in Series 36 kA  
(500 V DC) 3 Poles in Series 50 kA

**Rated Uninterrupted Current ( $I_u$ ):**

250 A

**Rated Voltage ( $U_r$ ):**

690 V

**Recommended Screw Driver:**

Main Circuit M8

**Release:**

TMD

**Release Type:**

TM

**Setting Range:**

140...200 A

**Short-Circuit Performance Level:**

N

**Standards:**

IEC60947-2

**Sub-type:**

XT3

**Terminal Connection Type:**

Front

**Terminal Type:**

Bolt

**Tightening Torque:**

8 N·m

**Certificates and Declarations**

**ATEX Certificate:**

No certification needed

**Data Sheet, Technical Information:**

SACE Tmax XT IEC Low voltage molded case circuit-breakers Catalog

[SACE Tmax XT IEC TECHNICAL CHARACTERISTICS Low voltage molded case circuit-breakers](#)

**Declaration of Conformity - CE:**

[EC Declaration of Conformity Tmax XT3](#)

**GL Certificate:**

[1SDL000163R0094](#)

**LR Certificate:**

[LRs certificate Tmax XT](#)

**UL Certificate:**

[No certification needed](#)

**VDE Certificate:**

[No certification needed](#)

**Dimension Diagram:**

[XT3 3p-4p fixed front terminals](#)

**Mechanical Drawings:**

[XT3 3p-4p fixed front terminals](#)

**Wiring Diagram:**

[Circuit diagram for XT1, XT2, XT3 and XT4](#)

**Instructions and Manuals:**

[Installation instructions XT3 IEC](#)

**External Classifications and Standards**

**ETIM 8:**

EC000228 - Power circuit-breaker for trafo/generator/installation protection

**ETIM 9:**

EC000228 - Power circuit-breaker for trafo/generator/installation protection

**Object Classification Code:**

Q

**UNSPSC:**

39120000

**WEEE Category:**

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

**eClass:**

V11.1 : 27370409



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