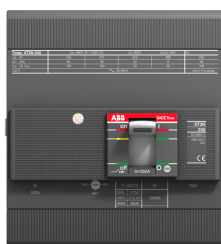


PRODUCT-DETAILS

XT3N 250 TMD 125-1250 4p F F InN=100%

XT3N 250 TMD 125-1250 4p F F InN=100%



**General Information**

Extended Product Type	XT3N 250 TMD 125-1250 4p F F InN=100%
Product ID	1SDA068067R1
EAN	8015644019686
Catalog Description	XT3N 250 TMD 125-1250 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A FULLY RATED NEUTRAL

**ABB EcoSolutions**

ABB EcoSolutions	Yes
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**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 60.5 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2350
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

**Eco Transparency**

Environmental Product Declaration - EPD 9AKK108468A2294

**Environmental**

Environmental Information	9AKK107991A8215 9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	c8709ec6-c4d5-48d4-a4f1-73b0ad28ff28 Italy (IT)
Simplified SCIP	e8418463-21bb-4646-9320-317496bc77c7 Germany (DE) 8b2aa564-3ff3-4d7b-9a63-8777af9d8171 Sweden (SE) 11aa80b9-b8f0-483b-b0e5-34e86b71601f Germany (DE) 589e2b91-34a5-43ca-a9ec-b300f715fe70 Croatia (HR) 6b1e6e20-3667-44ea-89cc-104f2b85cc99 Poland (PL) 25e3beb3-26da-46d0-a5a9-1e990bcd7391 Norway (NO) 1267c7bc-342b-4233-ae3-31fc6dd15d17 Finland (FI) e39f64fb-f61b-42a5-bd0b-6cc09bac755c Netherlands (NL) 1def8801-a0df-4ecc-b285-1015470dc957 Germany (DE) 5153fd07-da34-4170-b9ad-78d1866b3bdb Netherlands (NL) efb87256-30dd-4295-9547-b8154b1e7303 Czech Republic (CZ) e5afe46d-afdc-46b1-ac91-c1c2e9720bdf Poland (PL) 5602b0a1-f2bd-4cc0-a7a5-b93548efcd46 Netherlands (NL) 499d83df-a2fa-4335-9a28-eea392a0986f Estonia (EE) 45c1f002-9bef-4c95-8ec1-7cdbd583b762 Greece (GR) e553b893-d96f-4839-b919-b8bf5e416ba4 Denmark (DK) 9db3e09e-7114-462a-9b18-bfe2839e19c0 Poland (PL) 2d906c04-e981-4fb1-848f-496a7922adab France (FR) fdbb75b5-f3bf-4a9d-93d5-2e298720f640 Germany (DE) 834f078c-1cc5-4c3c-9a7a-9368526db7d2 France (FR) 6ce50e92-801f-4ffc-be0c-fbf2f533352b Netherlands (NL) 750bb180-e74a-4243-8bc9-1cb55d571613 Spain (ES) b585c2f4-04b8-4ba4-b860-02dec404a811 Netherlands (NL) 5c99b231-75ad-4ce9-be38-a2f334d46d99 Portugal (PT) 50d9662f-0e8c-4a77-b530-dd8df68e0856 Bulgaria (BG) 33fd8c79-e65f-4fe5-955b-4673557ad7e4 Sweden (SE)

**Ordering**

Order Code US and Canada	XT3NE4125AFF000XXX
EAN	8015644019686
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	2.1 kg
Package Level 1 EAN	8015644019686

**Additional Information**

Circuit Breaker Type to be Associated	Power Distribution
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	4
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 6.6 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current ( $I_n$ )	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage ( $U_r$ )	690 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Instantaneous Short-Circuit Current Setting ( $I_s$ )	1250 A
Rated Insulation Voltage ( $U_i$ )	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(220 V AC) 37.5 kA (230 V AC) 37.5 kA (240 V AC) 37.5 kA (380 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 18.75 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) 25 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
Recommended Screw Driver	Main Circuit M8
Release	TMD
Release Type	TM
Setting Range	87.5...125 A
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT3
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m

Version	F
CAD Dimensional Drawing	1SDH001295R0483

### Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5530
GL Certificate	1SDL000163R0094
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000720R0100
Mechanical Drawings	1SDH000720R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000720R0001

### Classifications

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
Object Classification Code	Q
UNSPSC	39120000
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

