PRODUCT-DETAILS

# XT4N 250 TMF 125-1250 2p F F UL/CSA

XT4N 250 TMF 125-1250 2p F F UL/CSA



## General Information

| | |
|---|---|
| Extended Product Type | XT4N 250 TMF 125-1250 2p F F UL/CSA |
| Product ID | 1SDA080105R1 |
| EAN | 8015644866341 |
| Catalog Description | XT4N 250 TMF 125-1250 2p F F UL/CSA |
| Long Description | XT4N 250 TMF 125-1250 2p 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 % |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| End of Life Instructions | 9AKK108468A2351 |
| Group Waste to Landfill | UL 2799 Zero Waste To Landfill Validation available |

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| | |
|---|---|
| Target | |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326 |

## Eco Transparency

| | |
|---|---|
| Environmental Product Declaration - EPD | 9AKK108468A1892 |

## 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 |

## Ordering

| | |
|---|---|
| Order Code US and Canada | XT4NU2125AFF000XXX |
| EAN | 8015644866341 |
| 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 | 2.05 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 | 8015644866341 |

## Additional Information

| | |
|---|---|
| Circuit Breaker Type to be Associated | Power Distribution |
| Current Type | AC/DC |
| Electrical Durability | 120 cycles per hour<br>8000 cycle |
| Mechanical Durability | 240 cycles per hour<br>25000 cycle |
| Number of Poles | 2 |
| Opening Time | CB with SOR 15 ms<br>CB with UVR 15 ms |
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 7.4 W |

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| | |
|---|---|
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| Rated Current ($I_n$) | 125 A |
| Rated Voltage ($U_r$) | 600 V |
| Rated Instantaneous Short-Circuit Current Setting ($I_i$) | 1250 A |
| Rated Operational Voltage | 600 V AC<br>500 V DC |
| Rated Uninterrupted Current ($I_u$) | 250 A |
| Release | TMF |
| Release Type | TM |
| Setting Range | 125 A |
| Short-Circuit Performance Level | N |
| Standards | UL489 |
| Sub-type | XT4 |
| Suitable for Product Class | SACE Tmax XT |
| Terminal Connection Type | Front |
| Version | F |

## Technical UL/CSA

| | |
|---|---|
| Interrupting Rating acc. to UL489 | (240 V AC) 65 kA<br>(480 V AC) 25 kA<br>(600 V AC) 18 kA<br>(250 V DC) 2 Poles in Series 35 kA<br>(600 V DC) 3 Poles in Series 35 kA |

## Certificates and Declarations

| | |
|---|---|
| Data Sheet, Technical Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of Conformity - CE | 9AKK106713A5529 |
| Mechanical Drawings | 1SDH000722R0100 |
| Wiring Diagram | 1SDM000068R0001 |
| Instructions and Manuals | 1SDH000722R0003<br>1SDH000721R0505 |

## 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 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| eClass | V11.1 : 27370409 |

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## Categories

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





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