



PRODUCT-DETAILS

XT4S 250 TMA 250 1250..2500 3p FF UL/CSA

XT4S 250 TMA 250 1250..2500 3p FF UL/CSA



General Information

| | |
|-----------------------|--|
| Extended Product Type | XT4S 250 TMA 250 1250..2500 3p FF UL/CSA |
| Product ID | 1SDA075204R1 |
| EAN | 8015644791810 |
| Catalog Description | XT4S 250 TMA 250 1250..2500 3p FF UL/CSA |
| Long Description | C.BREAKER TMAX XT4S 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A |

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 | 9AKK108468A2351 |
| Environmental Product Declaration - EPD | 9AKK108468A1892 |
| Extended Product Lifetime | Product Modularity |

Recyclability Rate of the Product acc. to EN45555

Design for Closing Resource Loops - Standard EN45555 - 56.30 %

Material Compliance

| | |
|---|--|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Declaration | 9AKK108466A1424 |
| RoHS Information | 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 |

Environmental

| | |
|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

Ordering

| | |
|--------------------------|--------------------|
| Order Code US and Canada | XT4SU3250BFF000XXX |
| EAN | 8015644791810 |
| 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 | 8015644791810 |

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 ² |
| Current Type | AC/DC |
| Electrical Durability | 120 cycles per hour 8000 cycle |
| Mechanical Durability | 240 cycles per hour 25000 cycle |
| Number of Poles | 3P |
| Opening Time | CB with SOR 30 ms CB with UVR 30 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) | 1250...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 Driver | Main Circuit M8 |
| Release | TMA |
| Release Type | TM |
| Setting Range | 175...250 A |
| Short-Circuit Performance Level | S |
| 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) 100 kA (480 V AC) 35 kA (600 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (600 V DC) 3 Poles in Series 50 kA |
|-----------------------------------|---|

Certificates and Declarations

| | |
|----------------------------------|-------------------------|
| ATEX Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | 9AKK10103A3908 |
| Data Sheet, Technical | 1SDC210200D0206 |

| | |
|--------------------------------|------------------------------------|
| Information | 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 |

External Classifications and Standards

| | |
|------------------------------------|--|
| ETIM 9 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 10 | 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

