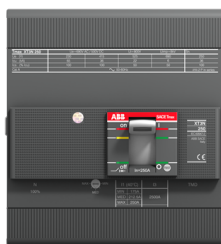




PRODUCT-DETAILS

XT3N 250 TMD 250-2500 4p F F InN=50%

XT3N 250 TMD 250-2500 4p F F InN=50%



General Information

| | |
|-----------------------|---|
| Extended Product Type | XT3N 250 TMD 250-2500 4p F F InN=50% |
| Product ID | 1SDA068066R1 |
| EAN | 8015644019679 |
| Catalog Description | XT3N 250 TMD 250-2500 4p F F InN=50% |
| Long Description | C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A NEUTRAL = 50% PHASES |

ABB EcoSolutions

| | |
|------------------|-----|
| ABB EcoSolutions | Yes |
|------------------|-----|

Circular Value

| | |
|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 56.6 % |
| Conflict Minerals Reporting Template | 9AKK108467A5658 |

(CMRT)

| | |
|-------------------------------------|---|
| 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 9AKK108468A7794 |
|---|------------------------------------|

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 |
| SCIP | 57eadf4a-5970-4adf-a4da-066359f9153b Italy (IT) |
| Simplified SCIP | 5b32d049-ad48-4123-95f2-48f433ef6c19 Germany (DE) 81e60ee8-6c0e-44b2-95d5-91c754b56e0e Poland (PL) 24c809ec-b12f-4fb3-9cdf-95b8b1032b35 Netherlands (NL) 5963c41a-8c00-4cbf-81d0-28eb6ecbb283 Estonia (EE) 3f64f079-43e8-47cd-b114-d10d69ba9d34 Greece (GR) 3c8f0030-2e09-48d3-8888-aef966763b63 Portugal (PT) 153c2cda-5baf-425b-8b35-67feaf39186c Bulgaria (BG) 952ae9e2-bdc7-4763-b509-2ba57c09265d Sweden (SE) 004b5065-4539-4704-b3b9-a87ac5e094b4 Germany (DE) ee7c403e-febd-435c-a589-2edcd405aea0 Sweden (SE) 565848d3-dafb-4931-958e-167237b6fd20 Denmark (DK) 5b915541-3971-4c01-9202-853874e5e858 Germany (DE) 2c2ed932-0b95-4560-96dc-098bb3d22421 Poland (PL) dbd2837a-4142-4a2a-a55f-f7084a20ca88 Norway (NO) b9cbdc10-27f8-451b-8430-af420a947ce3 Finland (FI) ef77859c-e0c2-44e4-ae97-1ff5209c271c Netherlands (NL) d434b549-c0e5-4ef2-b0dd-5ef97d321094 Croatia (HR) 209b1d3f-2fea-4911-883a-1209260f589a Czech Republic (CZ) 010584df-cf52-441e-abd4-64b76e41c427 Poland (PL) 4fc2b5c4-f16c-479f-b7f9-daa21bda0099 France (FR) 5bde1267-5475-4c87-87f2-b7d48c4823b9 Germany (DE) 5bee0812-d8e7-4349-92ef-2c2399a7b578 Germany (DE) 1883f205-3976-4283-8397-26eb947565b6 France (FR) 447066ea-1d76-4cc5-aa4e-770312887d67 Netherlands (NL) 674f5277-7576-4fb4-99b8-f82b2696cd4f Spain (ES) 093ceba4-3512-4c9c-aea4-637123d56417 Netherlands (NL) ff18c3a7-f475-4ca2-83a3-82dadcd281c72 Netherlands (NL) |

Ordering

| | |
|--------------------------|--------------------|
| Order Code US and Canada | XT3NEN250AFF000XXX |
| E-Number (Finland) | 3641013 |
| EAN | 8015644019679 |
| 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 | 2.214 kg |
| Package Level 1 EAN | 8015644019679 |

Additional Information

| | |
|---|--|
| Circuit Breaker Type to be Associated | Power Distribution |
| Connecting Capacity Main Circuit | Busbar 85..192 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 | 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 17.8 W |
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| Rated Current (I _n) | 250 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 _i) | 2500 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) 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 |
| Recommended Screw Driver | Main Circuit M8 |
| Release | TMD |
| Release Type | TM |
| Setting Range | 175...250 A |
| Short-Circuit Performance Level | N |
| Standards | IEC60947-2 |
| 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

