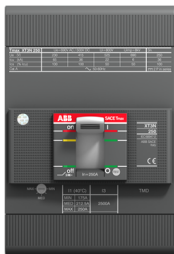




PRODUCT-DETAILS

XT3N 250 TMD 250-2500 3p F F

XT3N 250 TMD 250-2500 3p F F



General Information

| | |
|-------------------------------|---|
| Extended Product Type: | XT3N 250 TMD 250-2500 3p F F |
| Product ID: | 1SDA068059R1 |
| EAN: | 8015644019303 |
| Catalog Description: | XT3N 250 TMD 250-2500 3p F F |
| Long Description: | C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A |
| Display Name: | XT3N 250 TMD 250-2500 3p F F |

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: | 9AKK108468A2350 |
| Environmental Product Declaration - EPD: | 9AKK108468A2294 9AKK108468A7794 |
| Extended Product Lifetime: | Product Modularity |

Recyclability Rate of the Product acc. to EN45555: Design for Closing Resource Loops - Standard EN45555 - 56.6 %

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 |
| SCIP: | 6e02ed7f-17b7-4341-9a54-addfe501266a Italy |
| Simplified SCIP: | c67c1509-1fb8-4452-a702-0b07f01fbbec Germany d4f45baa-ea21-4c9e-9189-1b75dc080893 Spain dd18c2d5-d07c-4f4a-9537-929096aa340a Netherlands c2c064b4-68e9-444e-b795-3162405604d5 Netherlands 7f17ec9d-7631-4488-b853-4de4c94aa81c Germany e4d6c1d5-5cd1-4ae7-9434-ae519f839247 Sweden f2253e3c-e8cf-43e9-ad91-7006b1eda1a3 Denmark 7a06855e-fdcd-42a1-adb4-7a036b2aa2fd Germany c4c4a8ef-9791-4d17-9b97-88c358732875 Poland 68e4f3ad-03c4-47f8-9732-c2c181bb6d26 Norway 0e4638d5-976e-49c6-b94a-430e73f5e716 Finland 26af04db-d477-408d-b429-c27e7a32b1a8 Netherlands c7169fb9-353e-4ad1-a7b9-f55758d503ba Croatia 9690de18-268a-4812-a2e9-4cfc22c37060 Czechia 73a45bca-2680-4dd9-9d08-e5d52bef7b1a Poland 4fdf049f-4055-437f-b00c-732b3a20971e Netherlands 016b2e28-6f0e-43af-991e-8acac3433e5b Estonia ecb4b84a-ea71-4e87-8f8e-c9095f385895 Greece c11f564b-92ab-437b-8c0b-66c533b18139 Portugal c9c2a2c8-b424-42d1-b418-62bc7e3336c2 Bulgaria f17b83a9-6cf5-4ed8-9a8a-ad5bf35821ca Sweden 338fe678-9ff9-475b-b4c5-488832a7dc4a Poland 2ecaed7e-730d-48c1-95f8-4f5d8dbb6f04 France 854d4adb-7062-4e49-9888-eba42ff7a55f Germany fe453ba5-5af8-4dd1-829f-e48ec3218a3b Germany e9f8710e-d4ea-4b03-8e77-b1e789d499f6 France 228278be-3f3c-4121-ab92-d00b43371275 Netherlands |

Environmental

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

Ordering

| | |
|----------------------------------|--------------------|
| Order Code US and Canada: | XT3NE3250AFF000XXX |
| E-Number (Finland): | 3641005 |
| E-Number (Norway): | 4309663 |
| E-Number (Sweden): | 3182434 |
| EAN: | 8015644019303 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85362090 |

Dimensions

| | |
|-----------------------------|--------|
| Product Net Width: | 105 mm |
| Product Net Height: | 150 mm |
| Product Net Depth / Length: | 70 mm |
| Product Net Weight: | 1.7 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: | 1.73 kg |
| Package Level 1 EAN: | 8015644019303 |

Additional Information

| | |
|--|------------------------------|
| Brand / Label: | ABB |
| 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: | 1SDH001295R0409 |

Technical

| | |
|--|---|
| 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: | 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 17.8 W |
| Rated Current (I _n): | 250 A |
| Rated Frequency (f): | 50 / 60 Hz |
| Rated Impulse Withstand Voltage (U _{imp}): | 8 kV |

Rated Instantaneous Short-Circuit Current 2500 A

Setting (I_i):

| | |
|---|--|
| 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) 36 kA (415 V AC) 36 kA (440 V AC) 18 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) 2 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: | 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 |

Certificates and Declarations

| | |
|---|---|
| ABS Certificate: | 1SDL000163R0109 |
| ATEX Certificate: | No certification needed |
| BV Certificate: | 1SDL000163R0099 |
| CB Certificate: | 9AKK106713A2844 |
| CQC Certificate: | CQC2013010307638938 CQC2013010307650261 CQC2018010307082339 |
| Data Sheet, Technical Information: | 1SDC210100D0206 1SDC210099D0206 |

| | |
|---|---|
| Declaration of Conformity - CCC: | 9AKK108466A7756 2020980307003310 2020980307003402 |
| Declaration of Conformity - CE: | 9AKK106713A5530 |
| DNV GL Certificate: | 1SDL000163R0096 |
| EAC Certificate: | 9AKK10103A1027 |
| GL Certificate: | 1SDL000163R0094 |
| LR Certificate: | 1SDL000163R0100 |
| RINA Certificate: | 1SDL000163R0098 |
| UL Certificate: | 1SDL000163R0113 |
| VDE Certificate: | No certification needed |
| Dimension Diagram: | 1SDH000720R0100 |
| Mechanical Drawings: | 1SDH000720R0100 |
| Wiring Diagram: | 1SDM000068R0001 |
| Instructions and Manuals: | 1SDH000720R0001 |

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 |
| Object Classification Code: | Q |
| UNSPSC: | 39120000 |
| WEEE Category: | 5. Small Equipment (No External Dimension More Than 50 cm) |
| eClass: | V11.1 : 27370409 |

Accessories

| Identifier | Description | Type | Qty | Unit Of Measure |
|--------------|--|--|-----|-----------------|
| 1SDA066309R1 | ADP MONT. FIXED TERM. PF XT3 3p | xADP MONT. FIXED TERM. PF XT3 3p | x1 | piece |
| 1SDA066873R1 | KIT EF XT3 3pcs | KIT EF XT3 3pcs | 1 | piece |
| 1SDA066875R1 | KIT EF XT3 6pcs | KIT EF XT3 6pcs | 1 | piece |
| 1SDA066264R1 | KIT EF FP XT3 3pcs | KIT EF FP XT3 3pcs | 1 | piece |
| 1SDA066897R1 | KIT ES XT3 3pcs | KIT ES XT3 3pcs | 1 | piece |
| 1SDA066899R1 | KIT ES XT3 6pcs | KIT ES XT3 6pcs | 1 | piece |
| 1SDA066965R1 | KIT FB XT3 3pcs | KIT FB XT3 3pcs | 1 | piece |
| 1SDA066967R1 | KIT FB XT3 6pcs | KIT FB XT3 6pcs | 1 | piece |
| 1SDA066913R1 | KIT FC Cu XT3 3pcs | KIT FC Cu XT3 3pcs | 1 | piece |
| 1SDA066915R1 | KIT FC Cu XT3 6pcs | KIT FC Cu XT3 6pcs | 1 | piece |
| 1SDA066274R1 | KIT FC CuAl 1x35...150mm ² XT3 3pcs | KIT FC CuAl 1x35...150mm ² XT3 3pcs | 1 | piece |
| 1SDA066584R1 | KIT FC CuAl 1x35...150mm ² XT3 6pcs | KIT FC CuAl 1x35...150mm ² XT3 6pcs | 1 | piece |
| 1SDA067179R1 | KIT FC CuAl 1x95...185mm ² XT3 3pcs | KIT FC CuAl 1x95...185mm ² XT3 3pcs | 1 | piece |

| | | | | |
|--------------|--|--|---|-------|
| 1SDA067181R1 | KIT FC CuAl 1x95...185mm2 XT3 6pcs | KIT FC CuAl 1x95...185mm2 XT3 6pcs | 1 | piece |
| 1SDA067183R1 | KIT FC CuAl 1x120...240mm2 XT3 3pcs +ADP | KIT FC CuAl 1x120...240mm2 XT3 3pcs +ADP | 1 | piece |
| 1SDA067185R1 | KIT FC CuAl 1x120...240mm2 XT3 6pcs +ADP | KIT FC CuAl 1x120...240mm2 XT3 6pcs +ADP | 1 | piece |
| 1SDA067187R1 | KIT FC CuAl 2x35...120mm2 XT3 3pcs | KIT FC CuAl 2x35...120mm2 XT3 3pcs | 1 | piece |
| 1SDA067189R1 | KIT FC CuAl 2x35...120mm2 XT3 6pcs | KIT FC CuAl 2x35...120mm2 XT3 6pcs | 1 | piece |
| 1SDA117913R1 | KIT FC CuAl 2x50...150mm2 XT3 3pcs | KIT FC CuAl 2x50...150mm2 XT3 3pcs | 1 | piece |
| 1SDA066929R1 | KIT MC CuAl 6x2.5...35mm2 XT3 3pcs | KIT MC CuAl 6x2.5...35mm2 XT3 3pcs | 1 | piece |
| 1SDA066931R1 | KIT MC CuAl 6x2.5...35mm2 XT3 6pcs | KIT MC CuAl 6x2.5...35mm2 XT3 6pcs | 1 | piece |
| 1SDA066945R1 | KIT R XT3 3pcs | KIT R XT3 3pcs | 1 | piece |
| 1SDA066947R1 | KIT R XT3 6pcs | KIT R XT3 6pcs | 1 | piece |
| 1SDA066668R1 | HTC XT3 3p TERMINAL COVERS HIGH 2pcs | HTC XT3 3p TERMINAL COVERS HIGH 2pcs | 1 | piece |
| 1SDA066660R1 | LTC XT3 3p TERMINAL COVERS LOW 2pcs | LTC XT3 3p TERMINAL COVERS LOW 2pcs | 1 | piece |
| 1SDA066420R1 | KIT DIN50022 XT3 3p PLATE DIN | KIT DIN50022 XT3 3p PLATE DIN | 1 | piece |
| 1SDA066272R1 | KIT R FP XT3-XT4 3pcs | KIT R FP XT3-XT4 3pcs | 1 | piece |
| 1SDA067127R1 | RC Inst HV 85...690Vac XT3 3p F | RC Inst HV 85...690Vac XT3 3p F | 1 | piece |
| 1SDA067128R1 | RC Sel HV 85...690Vac XT3 3p F | RC Sel HV 85...690Vac XT3 3p F | 1 | piece |

Categories

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

