



PRODUCT-DETAILS

XT3N 250 TMD 200-2000 3p F F

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| General Information | |
|-----------------------|---|
| Extended Product Type | XT3N 250 TMD 200-2000 3p F F |
| Product ID | 1SDA068058R1 |
| EAN | 8015644019297 |
| Catalog Description | XT3N 250 TMD 200-2000 3p F F |
| Long Description | C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 200-2000 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 | 9AKK108468A2350 |
| Environmental Product Declaration - EPD | 9AKK108468A2294 9AKK108468A7794 |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 56.6 % |

Material Compliance

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|---|---|
| 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 | c29a751a-be17-4df0-832b-bc41e0056527 Italy |
| Simplified SCIP | 2a076d25-5885-439c-a2e6-562a12b90198 Germany a16b56d1-dc99-4c55-991d-e62075649be4 Poland dfa380c0-88d1-44e8-af7c-e93b491cd27e Netherlands 000182ba-09df-4f4a-98fe-0e65e416447e Estonia d7fb814f-534f-4706-9149-d5b6e015862e Greece a34ffad3-0654-4dbf-9a2f-b75b6deeab05 Portugal 9c31c87a-6577-4cf2-bff2-c659d2cf4713 Bulgaria 79b8eb5a-a8e6-4b80-8e98-4334c54b8e4c Sweden 9daa2fe5-d7c4-47cb-bc82-54a00264a086 Denmark 8d27fed3-357b-428d-979b-bd2bc3977046 Poland ab930018-740a-410f-8c3b-e92c9c0ec4f3 France b215cde0-c453-44a0-9aa2-b68b61004cb4 Germany 24dff1fc-a989-4f93-9843-7650391183e8 Norway 1c4970d6-6ba9-477c-bfc1-915880cf6b27 Finland 419d4f23-39e0-4f3e-ba0d-19a2cbc2fd0d Netherlands 4d2c6bbe-8ade-448c-8147-77a16c403875 Germany 517f22a2-ec3-48fc-a690-b648e4136f31 Netherlands e27935fd-02aa-4246-a5db-a765ca2c2038 Croatia c5b64a1c-2eb4-40cf-b9d1-83c1532e04bb Czech Republic 393488f6-8465-4fa4-966f-dc34e6482b65 Sweden 9e68334a-59d9-4bbf-a724-516447abb72b Germany 054c53f3-09ac-4472-a9ff-0daddffcab29 Poland a40abdb3-7c61-4d82-8639-25e8b744f038 Germany bb00608f-06a1-4498-8dc3-106fc600396d France cc2c475a-5ea9-4b8f-94d7-b8bc65721e28 Netherlands 81f7af18-dc48-4a22-8cf6-aac1eb368d2c Spain 3dea16fd-bfa8-4e70-8369-cb90cf81f797 Netherlands |

Environmental

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

Ordering

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|--------------------------|--------------------|
| Order Code US and Canada | XT3NE3200AFF000XXX |
| E-Number (Finland) | 3641004 |
| E-Number (Norway) | 4309662 |
| EAN | 8015644019297 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 105 mm |
| Product Net Height | 150 mm |
| Product Net Depth / Length | 70 mm |
| Product Net Weight | 1.7 kg |

Container Information

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|-----------------------|-------------|
| Package Level 1 Units | box 1 piece |
|-----------------------|-------------|

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|--------------------------------|---------------|
| Package Level 1 Width | 155 mm |
| Package Level 1 Height | 190 mm |
| Package Level 1 Depth / Length | 155 mm |
| Package Level 1 Gross Weight | 1.723 kg |
| Package Level 1 EAN | 8015644019297 |

Additional Information

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|---------------------------------------|------------------------------|
| 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

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|---|--|
| 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 13.2 W |
| Rated Current (I_n) | 200 A |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Instantaneous Short-Circuit Current Setting (I_s) | 2000 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) 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

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|---------------------------------------|-----------------|
| 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 | 140...200 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

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|-----------------------------------|------------------------------------|
| 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 |

External Classifications and Standards

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|----------------------------|--|
| 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 |

Categories

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

