



PRODUCT-DETAILS

XT4N 250 TMA 200-2000 3p F F

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| General Information   |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT4N 250 TMA 200-2000 3p F F                                                                                        |
| Product ID            | 1SDA068090R1                                                                                                        |
| EAN                   | 8015644695828                                                                                                       |
| Catalog Description   | XT4N 250 TMA 200-2000 3p F F                                                                                        |
| Long Description      | C.BREAKER TMAX XT4N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 200 I3=1000...2000 A |

| 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          | 9AKK108467A5658                                                |

(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2351                                     |
| 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 | 9AKK108469A1857 |
|                                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SCIP                      | Of75806c-038e-427c-a419-1e619ead7330 Italy (IT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Simplified SCIP           | bbf3de98-513f-44e4-800b-3554879d61db Germany (DE)<br>80771390-3c90-4704-ba7b-7ad00bdcaaac Germany (DE)<br>24f0072f-f737-47e8-bf8f-a7da542de573 France (FR)<br>fa6bf96d-401d-4e5a-9037-3f1be0e99ff0 Netherlands (NL)<br>2238a3b5-a625-4e86-a72f-b1a2bf518299 Spain (ES)<br>59a70feb-bd3c-4c18-a39c-77dac537e6c3 Netherlands (NL)<br>b08a9cad-9f06-4367-b311-d07225fb1ebd Netherlands (NL)<br>a924a9af-9a13-428f-b70d-9c7c89090db7 Germany (DE)<br>3d326f4b-0f76-4365-aad1-a6b5e227cc44 Sweden (SE)<br>dc4ea025-3e43-44d4-a948-daf1de7163e0 Denmark (DK)<br>47a697a1-294f-402c-9d6b-8d4bc72e3337 Germany (DE)<br>1d33418a-b4bb-4ca0-ba0d-39dfaf977e6d Poland (PL)<br>16d8165e-690a-4042-87c4-85f69f0b4288 Norway (NO)<br>1c4ace83-d732-4906-9421-76fae14054e0 Finland (FI)<br>0b84f289-8294-42b3-8d69-e269bfd1929a Netherlands (NL)<br>0a328f25-806b-4442-b8b4-f6dc12bcbeda Croatia (HR)<br>aaf0d27c-68f9-4a06-a505-2b477dfd0c30 Czech Republic (CZ)<br>ef4bf7a7-a3f3-4488-a35d-8b9db53b0e18 Poland (PL)<br>f164363d-7972-4af1-a7c9-0fca68892918 Netherlands (NL)<br>47aab088-da02-4a97-a865-79f7b51aee06 Estonia (EE)<br>454a9ac2-5efa-4740-9bbb-0b609138bccb Greece (GR)<br>9343a443-38ba-4bc0-b403-83c6b57f3537 Portugal (PT)<br>f0b014c5-5a87-4a28-a309-ba88ce1bf902 Bulgaria (BG)<br>e400fc61-0699-47c7-ba49-0160152400d6 Sweden (SE)<br>ef14ac71-e36e-44d0-b642-a2ef43214fbc Poland (PL)<br>7e3f11d9-dead-45cc-9d62-4a150cee4a28 France (FR)<br>04d02c11-98e0-49a2-9196-7e23a112b2f9 Germany (DE) |

Ordering

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT4NE3200BFF000XXX |
| E-Number (Finland)       | 3641036            |
| EAN                      | 8015644695828      |
| 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         | 2.253 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 151 mm        |
| Package Level 1 Height         | 214 mm        |
| Package Level 1 Depth / Length | 171 mm        |
| Package Level 1 Gross Weight   | 2.372 kg      |
| Package Level 1 EAN            | 8015644695828 |

### Additional Information

|                                                                     |                                                                                                                                                                                  |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuit Breaker Type to be Associated                               | Power Distribution                                                                                                                                                               |
| Connecting Capacity Main Circuit                                    | Busbar 85..200 mm <sup>2</sup>                                                                                                                                                   |
| 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                                                     | 3                                                                                                                                                                                |
| 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 11.88 W                                                                                                                                   |
| Product Main Type                                                   | SACE Tmax XT                                                                                                                                                                     |
| Product Name                                                        | Moulded Case Circuit Breaker                                                                                                                                                     |
| Product Type                                                        | Automatic Circuit Breaker                                                                                                                                                        |
| Rated Current (I <sub>n</sub> )                                     | 200 A                                                                                                                                                                            |
| Rated Frequency (f)                                                 | 50 / 60 Hz                                                                                                                                                                       |
| Rated Voltage (U <sub>r</sub> )                                     | 690 V                                                                                                                                                                            |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                 | 8 kV                                                                                                                                                                             |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> ) | 1000...2000 A                                                                                                                                                                    |
| Rated Insulation Voltage (U <sub>i</sub> )                          | 1000 V                                                                                                                                                                           |
| Rated Operational Voltage                                           | 690 V AC<br>750 V DC                                                                                                                                                             |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )    | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 10 kA |

|                                                                   |                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                   | (250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA                                                                                                                                                                                     |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 250 A                                                                                                                                                                                                                                                                                              |
| Recommended Screw Driver                                          | Main Circuit M8                                                                                                                                                                                                                                                                                    |
| Release                                                           | TMA                                                                                                                                                                                                                                                                                                |
| Release Type                                                      | TM                                                                                                                                                                                                                                                                                                 |
| RoHS Date                                                         | NA                                                                                                                                                                                                                                                                                                 |
| Setting Range                                                     | 140...200 A                                                                                                                                                                                                                                                                                        |
| Short-Circuit Performance Level                                   | N                                                                                                                                                                                                                                                                                                  |
| Standards                                                         | IEC60947-2                                                                                                                                                                                                                                                                                         |
| Sub-type                                                          | XT4                                                                                                                                                                                                                                                                                                |
| Terminal Connection Type                                          | Front                                                                                                                                                                                                                                                                                              |
| Terminal Type                                                     | Bolt                                                                                                                                                                                                                                                                                               |
| Tightening Torque                                                 | 8 N·m                                                                                                                                                                                                                                                                                              |
| Version                                                           | F                                                                                                                                                                                                                                                                                                  |
| CAD Dimensional Drawing                                           | 1SDH002230A1003                                                                                                                                                                                                                                                                                    |

Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| ATEX Certificate                  | No certification needed            |
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5529                    |
| GL Certificate                    | 1SDL000163R0095                    |
| LR Certificate                    | 1SDL000163R0100                    |
| UL Certificate                    | No certification needed            |
| VDE Certificate                   | No certification needed            |
| Dimension Diagram                 | 1SDH000722R0100                    |
| Mechanical Drawings               | 1SDH000722R0100                    |
| Wiring Diagram                    | 1SDM000068R0001                    |
| Instructions and Manuals          | 1SDH000722R0001                    |

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

