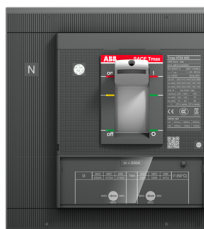




PRODUCT-DETAILS

# XT5N 630 TMA 630-6300 4p F F InN=100%In

## XT5N 630 TMA 630-6300 4p F F InN=100%In



| General Information   |  |
|-----------------------|--|
| Extended Product Type | XT5N 630 TMA 630-6300 4p F F InN=100%In  |
| Product ID            | 1SDA100389R1   |
| EAN                   | 8056221004664  |
| Catalog Description   | XT5N 630 TMA 630-6300 4p F F InN=100%In  |
| Long Description      | C.BREAKER TMAX XT5N 630 FIXED WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 630 I3=3150...6300 A NEUTRAL = 100% PHASES |

| 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            | 9AKK108468A2353   |
| Environmental Product Declaration - EPD           | 9AKK108468A9746<br>9AKK108468A1893                            |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 59.6 % |

### Material Compliance

|   |  |
|---|--|
| REACH Declaration                           | 9AKK108466A1425  |
| RoHS Information                            | 9AKK108466A1424  |
| RoHS Status                                 | 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  | 4131236b-aa0d-47ab-9a2b-8f3c5d19c57f Italy   |
| Simplified SCIP                             | 5816e7db-abe9-4c05-a738-ea12c6060eb9 Germany<br>28bb605e-4489-4132-9d30-e92f87950629 Germany<br>Ocedb20e-2898-4a38-a4a9-5c0eb63c2d29 Germany<br>182793c8-74c8-4fb8-849e-f045ccfb6535 France<br>d4f7609f-c3a2-447f-895c-6250dd13a4fc Netherlands<br>652d1ab7-0c87-4b31-821a-872d1fc14fa7 Spain<br>096ffc39-48d8-4611-814b-f07a10f2e4fb Netherlands<br>2a7c0dc4-0b78-408f-83c9-9f51d5c32d72 Poland<br>1cacc69d-af59-4e6c-ac47-6f30e7b1652d Sweden<br>54ece4d5-4db7-444a-8511-ec5f9ed10043 Norway<br>e1bad509-827f-4624-bf36-fac96fc8641f Finland<br>bd18ea6e-a026-4c2c-a3ca-0aa08f24a868 Netherlands<br>38268596-651f-4e3e-b710-f5b0eed626ae Germany<br>513eae9d-a9a9-4d42-9eaf-810291f866fc Denmark<br>0a13f8a3-64c6-47cb-9ae6-503794a4295e Germany<br>d598da0e-0b43-42da-b8a4-a67d0414b2f0 Croatia<br>134ec050-11a5-4480-97ed-e88f6650ae70 Czech Republic<br>5075578b-a15c-4372-a61c-9bb1210990ee Poland<br>a65756f3-68b5-471c-a429-cf09db30e651 Netherlands<br>9fd2356b-d6cf-4ae7-87d0-b011648b24c4 Netherlands<br>9ae2fe0b-b78f-4f8b-9f7a-d370ff4c4272 Estonia<br>79f0f7b9-a9d1-47e0-87e7-0228421bd08a Greece<br>205e4fd7-1768-4833-b6bd-c0ba1a9eaa96 Portugal<br>2f72cae1-85a9-4dcd-989d-efa1c7709391 Bulgaria<br>1383336b-a0d2-466d-b3ea-8e06dd3f4d26 Sweden<br>d3fe4698-52f3-4778-bcea-9dcbc0725446 Poland<br>a0c43d77-c32b-4294-b9ea-62ba5965fa3f France |

### Environmental

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

### Ordering

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT5NE463BBFF000XXX |
| E-Number (Norway)        | 4380401            |
| EAN                      | 8056221004664      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 186 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |

Product Net Weight 5.6 kg

**Container Information**

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 250 mm        |
| Package Level 1 Height         | 245 mm        |
| Package Level 1 Depth / Length | 285 mm        |
| Package Level 1 Gross Weight   | 6.088 kg      |
| Package Level 1 EAN            | 8056221004664 |

**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          |
| Version                               | F                                  |
| CAD Dimensional Drawing               | 1SDH002065A1183<br>1SDH002065A1131 |

**Technical**

|   |  |
|---|--|
| Current Type  | AC/DC  |
| Electrical Durability   | 5000 cycle<br>60 cycles per hour   |
| Mechanical Durability   | 20000 cycle<br>120 cycles per hour   |
| Number of Poles   | 4P   |
| Order Multiple  | 1 piece  |
| Power Loss  | 47.8 W   |
| Rated Current (I <sub>n</sub> )                                     | 630 A  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                 | 8 kV   |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> ) | 3150...6300 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) 70 kA<br>(230 V AC) 70 kA<br>(240 V AC) 70 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 25 kA<br>(525 V AC) 25 kA<br>(690 V AC) 20 kA<br>(250 V DC) 2 Poles in Series 6.25 kA<br>(500 V DC) 2 Poles in Series 6.25 kA |
| Rated Short-time Withstand Current Low                              | 6 kA   |

|   |  |
|---|--|
| Voltage (I <sub>cw</sub> )  | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(240 V AC) 70 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 25 kA<br>(525 V AC) 25 kA<br>(690 V AC) 20 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (250 V DC) 2 Poles in Series 25 kA<br>(500 V DC) 2 Poles in Series 25 kA   |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 630 A  |
| Release   | TMA  |
| Release Type  | TM   |
| Setting Range   | 441...630 A  |
| Short-Circuit Performance Level                                   | N  |
| Standards   | IEC60947-2   |
| Sub-type  | XT5  |
| Terminal Connection Type  | Front  |

### Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK107680A2824                    |
| Mechanical Drawings               | 1SDH002011A1101                    |
| Wiring Diagram                    | 1SDM000005A1001                    |
| Instructions and Manuals          | 1SDH002011A1001                    |

### External Classifications and Standards

|                            |  |
|----------------------------|--|
| 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  |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                     | V11.1 : 27370409   |

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## Categories

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

