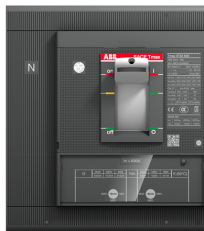




PRODUCT-DETAILS

# XT5H 630 TMA 630-6300 4p F F InN=50%In

## XT5H 630 TMA 630-6300 4p F F InN=50%In



| General Information   |   |
|-----------------------|---|
| Extended Product Type | XT5H 630 TMA 630-6300 4p F F InN=50%In  |
| Product ID            | 1SDA100524R1  |
| EAN                   | 8056221006002   |
| Catalog Description   | XT5H 630 TMA 630-6300 4p F F InN=50%In  |
| Long Description      | C.BREAKER TMAX XT5H 630 FIXED WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 630 I3=3150...6300 A NEUTRAL = 50% PHASES |

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

| Circular Value                                |   |
|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 59.6 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658   |

(CMRT)

|                                     |   |
|-------------------------------------|---|
| End of Life Instructions            | 9AKK108468A2353                                     |
| 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 | 9AKK108468A9746 |
|   | 9AKK108468A1893 |

**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 |

**Ordering**

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT5HEN63BBFF000XXX |
| EAN                      | 8056221006002      |
| 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            | 8056221006002 |

**Additional Information**

|                                       |                     |
|---------------------------------------|---------------------|
| Circuit Breaker Type to be Associated | Power Distribution  |
| Current Type                          | AC/DC               |
| Electrical Durability                 | 120 cycles per hour |

|   |   |
|---|---|
|   | 5000 cycle  |
| Mechanical Durability   | 240 cycles per hour<br>20000 cycle  |
| Number of Poles   | 4   |
| Order Multiple  | 1 piece   |
| Power Loss  | 47.8 W  |
| Product Main Type   | SACE Tmax XT  |
| Product Name  | Moulded Case Circuit Breaker  |
| Product Type  | Automatic Circuit Breaker   |
| Rated Current (I <sub>n</sub> )   | 630 A   |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>)                 | 8 kV  |
| Rated Instantaneous<br>Short-Circuit Current<br>Setting (I <sub>i</sub> ) | 3150...6300 A   |
| Rated Insulation Voltage<br>(U <sub>i</sub> )                             | 1000 V  |
| Rated Operational<br>Voltage  | 690 V AC<br>750 V DC  |
| Rated Service Short-<br>Circuit Breaking<br>Capacity (I <sub>cs</sub> )   | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 30 kA   |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> )   | 6 kA  |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (I <sub>cu</sub> )  | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 40 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(500 V DC) 2 Poles in Series 50 kA |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                          | 630 A   |
| Release   | TMA   |
| Release Type  | TM  |
| Setting Range   | 441...630 A   |
| Short-Circuit<br>Performance Level  | H   |
| Standards   | IEC60947-2  |
| Sub-type  | XT5   |
| Terminal Connection<br>Type   | Front   |
| Version   | F   |
| CAD Dimensional<br>Drawing  | 1SDH002065A1183<br>1SDH002065A1131  |

**Certificates and Declarations**

Data Sheet, Technical

1SDC210100D0206

|                                |                 |
|--------------------------------|-----------------|
| Information                    | 1SDC210099D0206 |
| Declaration of Conformity - CE | 9AKK107680A2824 |
| Mechanical Drawings            | 1SDH002011A1101 |
| Wiring Diagram                 | 1SDM000005A1001 |
| Instructions and Manuals       | 1SDH002011A1001 |

### 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  |
| 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

