

PRODUCT-DETAILS

XT2H 160 TMA 50-500 3p F F

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### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT2H 160 TMA 50-500 3p F F   |
| Product ID            | 1SDA067599R1   |
| EAN                   | 8015644014957  |
| Catalog Description   | XT2H 160 TMA 50-500 3p F F   |
| Long Description      | C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 50 I3=250...500 A |

### Ordering

|                          |                    |
|--------------------------|--------------------|
| E-Number (Finland)       | 3602497            |
| EAN                      | 8015644014957      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |
| Order Code US and Canada | XT2HE3050BFF000XXX |

### Dimensions

|                    |        |
|--------------------|--------|
| Product Net Width  | 90 mm  |
| Product Net Height | 130 mm |

|                            |         |
|----------------------------|---------|
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight         | 1.1 kg  |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 130 mm        |
| Package Level 1 Height         | 208 mm        |
| Package Level 1 Depth / Length | 145 mm        |
| Package Level 1 Gross Weight   | 1.66 kg       |
| Package Level 1 EAN            | 8015644014957 |

### Environmental

|             |  |
|-------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|--|

### Additional Information

|   |  |
|---|--|
| Circuit Breaker Type to be Associated                       | Power Distribution   |
| Current Type  | AC/DC  |
| Electrical Durability                                       | 120 cycles per hour<br>8000 cycle                                |
| Mechanical Durability                                       | Nr. Operations 240 cycles per hour<br>Nr. Operations 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 4.09 W                    |
| Product Main Type   | SACE Tmax XT   |
| Product Name  | Moulded Case Circuit Breaker                                     |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | 50 A   |
| Rated Frequency (f)   | 50 / 60 Hz   |
| Rated Voltage ( $U_r$ )                                     | 690 V  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV   |
| Rated Instantaneous Short-Circuit Current Setting ( $I_s$ ) | 300...500 A  |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V   |
| Rated Operational Voltage                                   | 690 V AC<br>500 V DC   |
| Rated Service Short-Circuit Breaking Capacity               | (220 V AC) 100 kA<br>(230 V AC) 100 kA                           |

|   |   |
|---|---|
| (I <sub>cs</sub> )  | (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) 30 kA<br>(690 V AC) 15 kA<br>(250 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 3 Poles in Series 70 kA   |
| Rated Ultimate Short-Circuit Breaking 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) 30 kA<br>(690 V AC) 15 kA<br>(250 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 3 Poles in Series 70 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 160 A   |
| Release   | TMA   |
| Release Type  | TM  |
| Setting Range   | 35...50 A   |
| Short-Circuit Performance Level                                   | H   |
| Standards   | IEC   |
| Sub-type  | XT2   |
| Terminal Connection Type  | Fixed Circuit-Breakers  |
| Version   | F   |

### Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5901                    |
| Environmental Information         | 9AKK107991A8215                    |
| GL Certificate                    | 1SDL000163R0093                    |
| Instructions and Manuals          | 1SDH000721R0001                    |
| LR Certificate                    | 1SDL000163R0100                    |
| REACH Declaration                 | 9AKK108466A1425                    |
| RoHS Information                  | 9AKK108466A1424                    |

### Classifications

|                            |  |
|----------------------------|--|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8                     | 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)                   |

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## Categories

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

