



PRODUCT-DETAILS

XT6N 800 TMA In=800A 3p F F UL

XT6N 800 TMA In=800A 3p F F UL



| General Information   |                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT6N 800 TMA In=800A 3p F F UL                                                                                                                  |
| Product ID            | 1SDA102839R1                                                                                                                                    |
| EAN                   | 8015644033507                                                                                                                                   |
| Catalog Description   | XT6N 800 TMA In=800A 3p F F UL                                                                                                                  |
| Long Description      | C.BREAKER TMAX T6N 800 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 800 I3=4000...8000 A A FULLY RATED NEUTRAL |

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

| Circular Value                                |                                                             |
|-----------------------------------------------|-------------------------------------------------------------|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 60 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658                                             |

(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2355                                     |
| 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 | 9AKK108468A1894 |
|-----------------------------------------|-----------------|

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 | XT6NU3800BFF000XXX |
| EAN                      | 8015644033507      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 210 mm   |
| Product Net Height         | 268 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 9.117 kg |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 305 mm        |
| Package Level 1 Height         | 285 mm        |
| Package Level 1 Depth / Length | 370 mm        |
| Package Level 1 Gross Weight   | 9.597 kg      |
| Package Level 1 EAN            | 8015644033507 |

Additional Information

|                                       |                     |
|---------------------------------------|---------------------|
| Circuit Breaker Type to be Associated | Power Distribution  |
| Current Type                          | AC/DC               |
| Mechanical Durability                 | 240 cycles per hour |

|                                                                     |                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                     | 20000 cycle                                                                                                                                                                                                                                                                                        |
| Number of Poles                                                     | 3                                                                                                                                                                                                                                                                                                  |
| Order Multiple                                                      | 1 piece                                                                                                                                                                                                                                                                                            |
| Power Loss                                                          | at Rated Operating Conditions per Pole 54 W                                                                                                                                                                                                                                                        |
| Product Main Type                                                   | SACE Tmax XT                                                                                                                                                                                                                                                                                       |
| Product Name                                                        | Moulded Case Circuit Breaker                                                                                                                                                                                                                                                                       |
| Product Type                                                        | Automatic Circuit Breaker                                                                                                                                                                                                                                                                          |
| Rated Current (I <sub>n</sub> )                                     | 800 A                                                                                                                                                                                                                                                                                              |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> ) | 4000...8000 A                                                                                                                                                                                                                                                                                      |
| Rated Operational Voltage                                           | 600 V AC                                                                                                                                                                                                                                                                                           |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</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) 30 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 36 kA<br>(500 V DC) 2 Poles in Series 20 kA<br>(750 V DC) 3 Poles in Series 18 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )                       | 800 A                                                                                                                                                                                                                                                                                              |
| Release                                                             | TMA                                                                                                                                                                                                                                                                                                |
| Release Type                                                        | TM                                                                                                                                                                                                                                                                                                 |
| Setting Range                                                       | 560...800 A                                                                                                                                                                                                                                                                                        |
| Short-Circuit Performance Level                                     | N                                                                                                                                                                                                                                                                                                  |
| Standards                                                           | UL489                                                                                                                                                                                                                                                                                              |
| Sub-type                                                            | XT6                                                                                                                                                                                                                                                                                                |
| Suitable for Product Class                                          | SACE Tmax XT                                                                                                                                                                                                                                                                                       |
| Terminal Connection Type                                            | Front                                                                                                                                                                                                                                                                                              |
| Version                                                             | F                                                                                                                                                                                                                                                                                                  |
| CAD Dimensional Drawing                                             | 1SDH002065A1190<br>1SDH002065A1245                                                                                                                                                                                                                                                                 |

**Technical UL/CSA**

|                                   |                                                                                                                                                                            |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 65 kA<br>(480 V AC) 35 kA<br>(600 V AC) 20 kA<br>(250 V DC) 2 Poles in Series 35 kA<br>(500 V DC) 2 Poles in Series 35 kA<br>(600 V DC) 3 Poles in Series 20 kA |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Certificates and Declarations**

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of Conformity - CE    | 9AKK107680A2825                    |
| Mechanical Drawings               | 1SDH002012A1101                    |
| Wiring Diagram                    | 1SDM000005A1001                    |

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 |
| IDEA Granular Category Code (IGCC) | 4927 >> Molded case circuit breakers                                         |
| UNSPSC                             | 39121616                                                                     |
| 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

