



PRODUCT-DETAILS

XT6H 800 TMA In=800A 4p F F InN100%In UL

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| General Information | |
|-----------------------|--|
| Extended Product Type | XT6H 800 TMA In=800A 4p F F InN100%In UL |
| Product ID | 1SDA102870R1 |
| EAN | 8015644033811 |
| Catalog Description | XT6H 800 TMA In=800A 4p F F InN100%In UL |
| Long Description | C.BREAKER TMAX T6H 800 UL/CSA FIXED FOUR-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 (CMRT) | 9AKK108467A5658 |

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|-------------------------------------|---|
| 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

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|---|-----------------|
| Environmental Product Declaration - EPD | 9AKK108468A1894 |
|---|-----------------|

Environmental

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|---------------------------|--|
| 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

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|--------------------------|--------------------|
| Order Code US and Canada | XT6HU4800BFF000XXX |
| EAN | 8015644033811 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 280 mm |
| Product Net Height | 268 mm |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight | 12 kg |

Container Information

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|--------------------------------|---------------|
| 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 | 14 kg |
| Package Level 1 EAN | 8015644033811 |

Additional Information

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|---------------------------------------|---|
| Circuit Breaker Type to be Associated | Power Distribution |
| Current Type | AC/DC |
| Mechanical Durability | 240 cycles per hour 20000 cycle |
| Number of Poles | 4 |
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 54 W |
| Product Main Type | SACE Tmax XT |

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|---|---|
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| Rated Current (I _n) | 800 A |
| Rated Instantaneous Short-Circuit Current Setting (I _s) | 4000...8000 A |
| Rated Operational Voltage | 600 V AC |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 50 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 25 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 50 kA (750 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current (I _u) | 800 A |
| Release | TMA |
| Release Type | TM |
| Setting Range | 560...800 A |
| Short-Circuit Performance Level | H |
| Standards | UL489 |
| Sub-type | XT6 |
| Suitable for Product Class | SACE Tmax XT |
| Terminal Connection Type | Front |
| Version | F |
| CAD Dimensional Drawing | 1SDH002065A1214 1SDH002065A1245 |

Technical UL/CSA

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|-----------------------------------|---|
| Interrupting Rating acc. to UL489 | (240 V AC) 200 kA (480 V AC) 65 kA (600 V AC) 35 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 50 kA (600 V DC) 3 Poles in Series 35 kA |
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Certificates and Declarations

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|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210200D0206 1SDC210199D0206 |
| Declaration of Conformity - CE | 9AKK107680A2825 |
| Mechanical Drawings | 1SDH002012A1101 |
| Wiring Diagram | 1SDM000005A1001 |
| Instructions and Manuals | 1SDH002012A1002 |

Classifications

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|------------------------------------|--|
| 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) |

Categories

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

