



PRODUCT-DETAILS

XT1H 125 TMF 40-500 3p F F UL/CSA

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General Information

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| Extended Product Type | XT1H 125 TMF 40-500 3p F F UL/CSA |
| Product ID | 1SDA074699R1 |
| EAN | 8015644786762 |
| Catalog Description | XT1H 125 TMF 40-500 3p F F UL/CSA |
| Long Description | C.BREAKER TMAX XT1H 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 40-500 A |

ABB EcoSolutions

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| ABB EcoSolutions | Yes |
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Circular Value

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|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 55.9 % |
| End of Life Instructions | 9AKK108468A2347 |

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1890

Environmental

Environmental Information 9AKK108467A6707

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

Ordering

Order Code US and Canada XT1HU3040AFF000XXX
 EAN 8015644786762
 Minimum Order Quantity 1 piece
 Customs Tariff Number 85362090

Dimensions

Product Net Width 76.2 mm
 Product Net Height 130 mm
 Product Net Depth / Length 70 mm
 Product Net Weight 1.1 kg

Container Information

Package Level 1 Units box 1 piece
 Package Level 1 Width 128 mm
 Package Level 1 Height 135 mm
 Package Level 1 Depth / Length 143 mm
 Package Level 1 Gross Weight 1.1 kg
 Package Level 1 EAN 8015644786762

Additional Information

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|---------------------------------------|------------------------------|
| 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 |
| Suitable for Product Class | SACE Tmax XT |
| Version | F |
| CAD Dimensional Drawing | 1SDH001295R0008 |

Technical

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|---|--|
| Connecting Capacity Main Circuit | Busbar 45.5 ... 80 mm ² |
| Current Type | AC/DC |
| Electrical Durability | 120 cycles per hour 8000 cycle |
| Mechanical Durability | 240 cycles per hour 25000 cycle |
| Number of Poles | 3 |
| Opening Time | CB with SOR 15 ms CB with UVR 15 ms |
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 2.6 W |
| Rated Current (I _n) | 40 A |
| Rated Instantaneous Short-Circuit Current Setting (I _i) | 500 A |
| Rated Operational Voltage | 600Y/347 V AC 500 V DC |
| Rated Uninterrupted Current (I _u) | 125 A |
| Rated Voltage (U _r) | 600Y/347 V |
| Recommended Screw Driver | Main Circuit M6 |
| Release | TMF |
| Release Type | TM |
| Setting Range | 40 A |
| Short-Circuit Performance Level | H |
| Standards | UL489 |
| Sub-type | XT1 |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 6 N·m |

Technical UL/CSA

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|-----------------------------------|---|
| Interrupting Rating acc. to UL489 | (240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA |
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Certificates and Declarations

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|-----------------------------------|------------------------------------|
| ATEX Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | 9AKK10103A3905 |
| Data Sheet, Technical Information | 1SDC210200D0206 1SDC210199D0206 |
| Declaration of Conformity - CE | 9AKK106713A5532 |
| UL Certificate | 1SDL000163R0111 |
| VDE Certificate | No certification needed |
| Dimension Diagram | 1SDH000719R0100 |
| Mechanical Drawings | 1SDH000719R0100 |
| Wiring Diagram | 1SDM000068R0001 |
| Instructions and Manuals | 1SDH000719R0003 |

Classifications

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|------------------------------------|--|
| 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 |
| Object Classification Code | Q |
| 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

