



PRODUCT-DETAILS

XT1H 125 TMF 60-600 3p F F UL/CSA

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| General Information | |
|-----------------------|--|
| Extended Product Type | XT1H 125 TMF 60-600 3p F F UL/CSA |
| Product ID | 1SDA074702R1 |
| EAN | 8015644786793 |
| Catalog Description | XT1H 125 TMF 60-600 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 60-600 A |

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

| Circular Value | |
|---|---|
| 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

SCIP bab4f88a-5f5f-4cd4-9357-e98d7fa445af Italy (IT)
 Simplified SCIP ef3966bb-45a4-4435-974d-b64ac5ed7935 Germany (DE)
 ce8bc15f-438d-48b7-ad26-795dff3aaf36 Sweden (SE)
 ef579ec2-7a29-45c3-929d-1cbbc25f84f1 Denmark (DK)
 ce2c1fce-b90d-49de-bd89-ad0fa429e3d5 Germany (DE)
 e845b212-5a27-4781-b88c-aac72eda39a8 France (FR)
 086293e9-5bb4-4a7b-b56c-77163a31e6b5 Croatia (HR)
 5390cde0-5316-474b-9855-f8299d0205e2 Germany (DE)
 3579434e-0179-4fae-9151-007c68a85600 Czech Republic (CZ)
 9ee41204-e523-413c-860c-d78be7278a3c Belgium (BE)
 178092f5-58d1-4288-9065-b67099a7d1c1 Spain (ES)
 8e6dad07-8531-4dd9-bd4b-b8263f451592 Hungary (HU)
 b105182b-2455-48ed-9115-985f1428b470 Belgium (BE)
 0576b1ec-bb90-4683-91ff-ea0c3e6f9703 Estonia (EE)
 f78fe3f2-8a72-445f-8be6-700fa6a7b3f1 Finland (FI)
 e63d3eda-e09d-49ea-a378-ef8817b946a0 Netherlands (NL)
 3e715fc8-5208-4a8f-ae8a-fe4f1fe749c6 Poland (PL)
 311af6a3-23fe-4898-a312-efc3b2661681 Hungary (HU)
 ce28fa81-6e50-4f07-b7f7-ae967ed2f110 Greece (GR)
 24efc020-0f2c-42f2-87d8-c8e5c741e4f9 France (FR)
 aae7d9fa-64f8-462b-853a-90c4311605e0 Bulgaria (BG)
 2dcb922d-7b40-4359-98b3-49ec14a361bb Poland (PL)
 1ae2b5d4-08cf-4f14-9ae1-704351f2c8e0 Poland (PL)
 853a9fac-7b5a-4f61-a8bc-c0ac3907b006 Norway (NO)
 84e4f177-89f9-424e-9ae3-4dfbdb748c1e Sweden (SE)
 11b3d7d2-f266-4840-b893-3c23b39ff4dd Germany (DE)
 575d218d-6e5e-450d-a201-4fe6f6dc3ac2 Germany (DE)
 86c2381b-0e86-4db4-88f5-fa84331c3695 Portugal (PT)

Ordering

Order Code US and Canada XT1HU3060AFF000XXX
 EAN 8015644786793
 Minimum Order Quantity 1 piece
 Customs Tariff Number 85362090

Dimensions

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

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|--------------------------------|---------------|
| 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 | 8015644786793 |

Additional Information

| | |
|---------------------------------------|------------------------------|
| 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 3.9 W |
| Rated Current (I_n) | 60 A |
| Rated Instantaneous Short-Circuit Current Setting (I_i) | 600 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 | 60 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

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

Certificates and Declarations

| | |
|-----------------------------------|------------------------------------|
| 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 eClass | 5. Small Equipment (No External Dimension More Than 50 cm) V11.1 : 27370409 |

Categories

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

