



PRODUCT-DETAILS

XT2H 160 TMD 25-300 3p F F

XT2H 160 TMD 25-300 3p F F



| General Information | |
|-----------------------|---|
| Extended Product Type | XT2H 160 TMD 25-300 3p F F |
| Product ID | 1SDA067596R1 |
| EAN | 8015644014926 |
| Catalog Description | XT2H 160 TMD 25-300 3p F F |
| Long Description | C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 25-300 A |

| ABB EcoSolutions | |
|---|--|
| ABB EcoSolutions | Yes |
| ABB Site Meeting Group Waste To Landfill Target | UL 2799 Zero Waste To Landfill Validation available |
| End Of Life Disassembling Instructions | 9AKK108468A2348 |
| Environmental Product Declaration - EPD | 9AKK108469A1856 9AKK108468A1891 |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 55.70 % |

Material Compliance

| | |
|---|--|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Declaration | 9AKK108466A1424 |
| RoHS Information | 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 | cfc84dde-e61a-4e38-b07f-5da4036ea9a4 Italy |
| Simplified SCIP | 60f3a5ce-a473-4456-911e-ac0a2deb4152 Germany 1b2e7963-dfa1-45d9-8b2a-1b6c5172378c Norway 588d33f0-5dfd-4182-b24c-36b94e148703 Finland 0e17691f-b006-45f2-be24-b655b0b8b097 Netherlands b63bc7d2-c6c0-49d3-8715-65f45ea937b8 Germany 8c45bec7-2fcc-414a-bdd3-dcde1acdd39e Denmark 943b1b2a-c881-4828-ae9a-22285d4da212 Netherlands ec4c3592-cc19-486b-8a7e-361979719560 Netherlands 2b42ea61-971f-4447-815c-868e808a63ba Estonia a64fd534-cdf4-4cbd-90c7-a143c153246b Greece 3c0b8a52-0cae-4561-a3a3-7d51b13a9475 Portugal e5352635-40ab-4bf9-a257-998d8f2d269e Germany 7386e9a4-136b-42a6-be67-482534d5c84b Croatia 3d07411e-b413-40da-9418-b392c93f18ed Czech Republic 371c7095-86b9-4941-b118-3f9133d596ff Poland Off16924-d336-4759-a47e-afc804c32099 Germany 76299180-5c14-4f42-b82b-73c785ad9452 Germany ef2cfb62-d9aa-4d30-92d2-589ab8a12a7e France e8206767-1d0c-483e-96b0-8a65ccf203ea Netherlands e1342d0e-8629-4bca-bd3d-0380a997960c Spain 3044fef1-e5d7-4162-b7bf-6a52a29f8b38 Netherlands 3f0c10fe-2ed4-4969-86dc-272c9282ea75 Bulgaria d742ac5a-846e-4722-9020-c02906324ba3 Sweden fc541581-da0a-4833-877d-70aee274cfc8 Poland 64835302-4bcd-4d88-8e7a-cf1fc265821c France 355b4542-96dd-4173-b98c-0dfdd78d83d4 Sweden bcda9fcf-6239-4554-b97a-c77ffb6efa4d Poland |

Environmental

| | |
|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

Ordering

| | |
|--------------------------|--------------------|
| Order Code US and Canada | XT2HE3025AFF000XXX |
| E-Number (Finland) | 3638600 |
| E-Number (Norway) | 4379293 |
| EAN | 8015644014926 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

| | |
|---------------------|---------|
| Product Net Width | 90 mm |
| Product Net Height | 130 mm |
| Product Net Depth / | 82.5 mm |

Length

| | |
|--------------------|--------|
| Product Net Weight | 1.1 kg |
|--------------------|--------|

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 131 mm |
| Package Level 1 Height | 212 mm |
| Package Level 1 Depth / Length | 147 mm |
| Package Level 1 Gross Weight | 1.2 kg |
| Package Level 1 EAN | 8015644014926 |

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 |
| Version | F |
| CAD Dimensional Drawing | 1SDH002230A1001 |

Technical

| | |
|---|---|
| Connecting Capacity Main Circuit | Busbar 32.5..100 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 | 3P |
| Opening Time | CB with SOR 30 ms CB with UVR 30 ms |
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 2 W |
| Rated Current (I _n) | 25 A |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Impulse Withstand Voltage (U _{imp}) | 8 kV |
| Rated Instantaneous Short-Circuit Current Setting (I _i) | 300 A |
| Rated Insulation Voltage (U _i) | 1000 V |
| Rated Operational Voltage | 690 V AC 500 V DC |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | (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) 65 kA |

| | |
|---|---|
| | (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA |
| 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) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA |
| Rated Uninterrupted Current (I _u) | 160 A |
| Rated Voltage (U _r) | 690 V |
| Recommended Screw Driver | Main Circuit M6 |
| Release | TMD |
| Release Type | TM |
| Setting Range | 17.5...25 A |
| Short-Circuit Performance Level | H |
| Standards | IEC60947-2 |
| Sub-type | XT2 |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 6 N·m |

Certificates and Declarations

| | |
|-----------------------------------|------------------------------------|
| ATEX Certificate | No certification needed |
| Data Sheet, Technical Information | 1SDC210100D0206 1SDC210099D0206 |
| Declaration of Conformity - CE | 9AKK106713A5901 |
| GL Certificate | 1SDL000163R0093 |
| LR Certificate | 1SDL000163R0100 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Dimension Diagram | 1SDH000721R0100 |
| Mechanical Drawings | 1SDH000721R0100 |
| Wiring Diagram | 1SDM000068R0001 |
| Instructions and Manuals | 1SDH000721R0001 |

External Classifications and Standards

| | |
|----------------------------|--|
| ETIM 9 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 10 | 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)

eClass

V11.1 : 27370409

Categories

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

