



PRODUCT-DETAILS

XT1H 125 MCP In=7 3p F F UL/CSA

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| General Information   |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT1H 125 MCP In=7 3p F F UL/CSA                                                                                   |
| Product ID            | 1SDA074725R1                                                                                                      |
| EAN                   | 8015644787028                                                                                                     |
| Catalog Description   | XT1H 125 MCP In=7 3p F F UL/CSA                                                                                   |
| Long Description      | C.BREAKER TMAX XT1H 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MCP Iu 7 A I3=21...77 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            | 9AKK108468A2347                                               |
| Environmental Product Declaration - EPD           | 9AKK108468A1890                                               |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 55.9 % |

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

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

|                          |  |                    |
|--------------------------|--|--------------------|
| Ordering                 |  |                    |
| Order Code US and Canada |  | XT1HU3007MFF000XXX |
| EAN                      |  | 8015644787028      |
| 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            |  | 8015644787028 |

|                                       |  |                              |
|---------------------------------------|--|------------------------------|
| Additional Information                |  |                              |
| Circuit Breaker Type to be Associated |  | Motor Protection             |
| 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                |  |                        |
| Connecting Capacity Main |  | Busbar 45.5 ... 80 mm² |

|                                                                     |                                              |
|---------------------------------------------------------------------|----------------------------------------------|
| Circuit                                                             |                                              |
| Current Type                                                        | AC/DC                                        |
| Electrical Durability                                               | 120 cycles per hour<br>8000 cycle            |
| Mechanical Durability                                               | 240 cycles per hour<br>25000 cycle           |
| Number of Poles                                                     | 3P                                           |
| Opening Time                                                        | CB with SOR 15 ms<br>CB with UVR 15 ms       |
| Order Multiple                                                      | 1 piece                                      |
| Power Loss                                                          | at Rated Operating Conditions per Pole 3.2 W |
| Rated Current (I <sub>n</sub> )                                     | 7 A                                          |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>f</sub> ) | 28...77 A                                    |
| Rated Operational Voltage                                           | 600Y/347 V AC<br>500 V DC                    |
| Rated Uninterrupted Current (I <sub>u</sub> )                       | 125 A                                        |
| Rated Voltage (U <sub>r</sub> )                                     | 600Y/347 V                                   |
| Recommended Screw Driver                                            | Main Circuit M6                              |
| Release                                                             | MA                                           |
| Release Type                                                        | M                                            |
| 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<br>(480 V AC) 65 kA<br>(600Y / 347 V AC) 25 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(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<br>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                    |

External Classifications and Standards

|        |                                                                              |
|--------|------------------------------------------------------------------------------|
| 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) | 4932 >> 3 Pole Non-Interchangeable Trip Electronic 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

