



PRODUCT-DETAILS

XT5V 600 EkipMTouchLRIU(MPCB)500 3pFF  
UL

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UL



| General Information   |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT5V 600 EkipMTouchLRIU(MPCB)500 3pFF UL                                                                                          |
| Product ID            | 1SDA102576R1                                                                                                                      |
| EAN                   | 8056221022828                                                                                                                     |
| Catalog Description   | XT5V 600 EkipMTouchLRIU(MPCB)500 3pFF UL                                                                                          |
| Long Description      | C.BREAKER TMAX XT5V 600 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP M TOUCH LRIU R 500 (MPCB) |

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

| Circular Value                                |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 59.6 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658                                               |

(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2354                                     |
| Group Waste to Landfill Target      | UL 2799 Zero Waste To Landfill Validation available |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326                                     |

Eco Transparency

|                                         |                 |
|-----------------------------------------|-----------------|
| Environmental Product Declaration - EPD | 9AKK108468A1899 |
|-----------------------------------------|-----------------|

Environmental

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Ambient Air Temperature   | Operation -40 ... 125 °C                                               |
| 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

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT5VU350BWFF000XXX |
| EAN                      | 8056221022828      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 140 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 5.1 kg   |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 248 mm        |
| Package Level 1 Height         | 240 mm        |
| Package Level 1 Depth / Length | 285 mm        |
| Package Level 1 Gross Weight   | 5.1 kg        |
| Package Level 1 EAN            | 8056221022828 |

Additional Information

|                                       |                  |
|---------------------------------------|------------------|
| Circuit Breaker Type to be Associated | Motor Protection |
|---------------------------------------|------------------|

|                                               |                                             |
|-----------------------------------------------|---------------------------------------------|
| Current Type                                  | AC                                          |
| Mechanical Durability                         | 240 cycles per hour<br>20000 cycle          |
| Number of Poles                               | 3                                           |
| Order Multiple                                | 1 piece                                     |
| Power Loss                                    | at Rated Operating Conditions per Pole 43 W |
| Product Main Type                             | SACE Tmax XT                                |
| Product Name                                  | Moulded Case Circuit Breaker                |
| Product Type                                  | Automatic Circuit Breaker                   |
| Rated Current (I <sub>n</sub> )               | 500 A                                       |
| Rated Operational Voltage                     | 600 V AC<br>600 V DC                        |
| Rated Uninterrupted Current (I <sub>u</sub> ) | 600 A                                       |
| Release                                       | Ekip M Touch LRIU                           |
| Release Type                                  | EL                                          |
| Short-Circuit Performance Level               | V                                           |
| Standards                                     | UL489                                       |
| Sub-type                                      | XT5                                         |
| Suitable for Product Class                    | SACE Tmax XT                                |
| Terminal Connection Type                      | Front                                       |
| Version                                       | F                                           |
| CAD Dimensional Drawing                       | 1SDH002065A1115<br>1SDH002065A1131          |

### Technical UL/CSA

|                                   |                                                             |
|-----------------------------------|-------------------------------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 200 kA<br>(480 V AC) 150 kA<br>(600 V AC) 100 kA |
|-----------------------------------|-------------------------------------------------------------|

### Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of Conformity - CE    | 9AKK107680A2824                    |
| Mechanical Drawings               | 1SDH002011A1101                    |
| Wiring Diagram                    | 1SDM000005A1001                    |
| Instructions and Manuals          | 1SDH002011A1002<br>1SDH002039A1002 |

### Classifications

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

