



PRODUCT-DETAILS

XT7H 800 Ekip Hi-Touch LSI 800 4p FF UL

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| General Information   |                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT7H 800 Ekip Hi-Touch LSI 800 4p FF UL                                                                                                                 |
| Product ID            | 1SDA103202R1                                                                                                                                            |
| EAN                   | 8015644037130                                                                                                                                           |
| Catalog Description   | XT7H 800 Ekip Hi-Touch LSI 800 4p FF UL                                                                                                                 |
| Long Description      | C.BREAKER TMAX XT7H 800 UL/CSA FIXED FOUR-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP HI-TOUCH LSI R 800 |

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

| Circular Value                              |                                                               |
|---------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles                  | Design for Closing Resource Loops - Standard EN45555 - 64.1 % |
| Recyclability Rate                          |                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                               |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2357                                     |
| 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 | 9AKK108468A1895<br>9AKK108468A4404 |
|-----------------------------------------|------------------------------------|

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 | XT7HU480CTFF000XXX |
| EAN                      | 8015644037130      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 280 mm  |
| Product Net Height         | 268 mm  |
| Product Net Depth / Length | 178 mm  |
| Product Net Weight         | 12.5 kg |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 360 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 360 mm        |
| Package Level 1 Gross Weight   | 14 kg         |
| Package Level 1 EAN            | 8015644037130 |

Additional Information

|                                       |                                             |
|---------------------------------------|---------------------------------------------|
| Circuit Breaker Type to be Associated | Power Distribution                          |
| Current Type                          | AC                                          |
| Mechanical Durability                 | 240 cycles per hour<br>10000 cycle          |
| Number of Poles                       | 4                                           |
| Order Multiple                        | 1 piece                                     |
| Power Loss                            | at Rated Operating Conditions per Pole 24 W |

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Product Main Type                     | SACE Tmax XT                       |
| Product Name                          | Moulded Case Circuit Breaker       |
| Product Type                          | Automatic Circuit Breaker          |
| Rated Current ( $I_n$ )               | 800 A                              |
| Rated Frequency (f)                   | 50 / 60 Hz                         |
| Rated Operational Voltage             | 600 V AC                           |
| Rated Uninterrupted Current ( $I_u$ ) | 800 A                              |
| Release                               | Ekip Hi-Touch LSI                  |
| Release Type                          | EL                                 |
| Short-Circuit Performance Level       | H                                  |
| Standards                             | UL489                              |
| Sub-type                              | XT7                                |
| Suitable for Product Class            | SACE Tmax XT                       |
| Terminal Connection Type              | Front                              |
| Version                               | F                                  |
| CAD Dimensional Drawing               | 1SDH002065A1390<br>1SDH002065A1338 |

## Technical UL/CSA

|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 100 kA<br>(480 V AC) 65 kA<br>(600 V AC) 50 kA |
|-----------------------------------|-----------------------------------------------------------|

## Certificates and Declarations

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| Data Sheet, Technical Information | 1SDC210200D0206<br>1SDC210199D0206                    |
| Declaration of Conformity - CE    | 9AKK107046A9648                                       |
| Mechanical Drawings               | 1SDH002013A1101                                       |
| Wiring Diagram                    | 1SDM000002A1001                                       |
| Instructions and Manuals          | 1SDH002013A1001<br>1SDH002013A1002<br>1SDH001821A1002 |

## 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) | 4934 >> 4 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                                                             |

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## Categories

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

