



PRODUCT-DETAILS

XT4L 250 Ekip Dip LS/I In=150A 3p F F  
UL/CSA

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UL/CSA



| General Information   |                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT4L 250 Ekip Dip LS/I In=150A 3p F F UL/CSA                                                                             |
| Product ID            | 1SDA075385R1                                                                                                             |
| EAN                   | 8015644793623                                                                                                            |
| Catalog Description   | XT4L 250 Ekip Dip LS/I In=150A 3p F F UL/CSA                                                                             |
| Long Description      | C.BREAKER TMAX XT4L 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 150 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            | 9AKK108468A2352                                                |
| Environmental Product Declaration - EPD           | 9AKK108468A1898                                                |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 56.30 % |

| 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 |  | XT4LU3150EFF000XXX |
| EAN                      |  | 8015644793623      |
| Minimum Order Quantity   |  | 1 piece            |
| Customs Tariff Number    |  | 85362090           |

| Dimensions                 |  |         |
|----------------------------|--|---------|
| Product Net Width          |  | 105 mm  |
| Product Net Height         |  | 160 mm  |
| Product Net Depth / Length |  | 82.5 mm |
| Product Net Weight         |  | 2.5 kg  |

| Container Information          |  |               |
|--------------------------------|--|---------------|
| Package Level 1 Units          |  | box 1 piece   |
| Package Level 1 Width          |  | 145 mm        |
| Package Level 1 Height         |  | 210 mm        |
| Package Level 1 Depth / Length |  | 168 mm        |
| Package Level 1 Gross Weight   |  | 2.5 kg        |
| Package Level 1 EAN            |  | 8015644793623 |

| 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

1SDH002230A1003

Technical

|                                                  |                                              |
|--------------------------------------------------|----------------------------------------------|
| Connecting Capacity<br>Main Circuit              | Busbar 85..200 mm <sup>2</sup>               |
| Current Type                                     | AC                                           |
| 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 7.8 W |
| Rated Current (I <sub>N</sub> )                  | 150 A                                        |
| Rated Operational<br>Voltage                     | 600 V AC                                     |
| Rated Uninterrupted<br>Current (I <sub>u</sub> ) | 250 A                                        |
| Rated Voltage (U <sub>r</sub> )                  | 600 V                                        |
| Recommended Screw<br>Driver                      | Main Circuit M8                              |
| Release                                          | Ekip Dip LS/I                                |
| Release Type                                     | EL                                           |
| Short-Circuit<br>Performance Level               | L                                            |
| Standards                                        | UL489                                        |
| Sub-type                                         | XT4                                          |
| Terminal Connection<br>Type                      | Front                                        |
| Terminal Type                                    | Bolt                                         |
| Tightening Torque                                | 8 N·m                                        |

Technical UL/CSA

|                                      |                                                            |
|--------------------------------------|------------------------------------------------------------|
| Interrupting Rating acc.<br>to UL489 | (240 V AC) 200 kA<br>(480 V AC) 100 kA<br>(600 V AC) 50 kA |
|--------------------------------------|------------------------------------------------------------|

Certificates and Declarations

|                                      |                                    |
|--------------------------------------|------------------------------------|
| ATEX Certificate                     | No certification needed            |
| CSA Certificate (Intrinsic<br>Safe)  | 9AKK10103A3908                     |
| Data Sheet, Technical<br>Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5529                    |
| UL Certificate                       | 1SDL000163R0114                    |
| VDE Certificate                      | No certification needed            |
| Dimension Diagram                    | 1SDH000722R0100                    |
| Mechanical Drawings                  | 1SDH000722R0100                    |
| Wiring Diagram                       | 1SDM000068R0001                    |

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

