



PRODUCT-DETAILS

XT6N 800 Ekip Dip L SIG In=800 4p F F

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| General Information   |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT6N 800 Ekip Dip L SIG In=800 4p F F                                                                           |
| Product ID            | 1SDA100736R1                                                                                                    |
| EAN                   | 8056221003612                                                                                                   |
| Catalog Description   | XT6N 800 Ekip Dip L SIG In=800 4p F F                                                                           |
| Long Description      | C.BREAKER TMAX XT6N 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP L SIG R 800 |

| 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            | 9AKK108468A2356                                             |
| Environmental Product Declaration - EPD           | 9AKK108468A9752<br>9AKK108468A2295                          |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 60 % |

## 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 | XT6NE4800GFF000XXX |
| EAN                      | 8056221003612      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 280 mm   |
| Product Net Height         | 268 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 12 kg    |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 305 mm        |
| Package Level 1 Height         | 285 mm        |
| Package Level 1 Depth / Length | 370 mm        |
| Package Level 1 Gross Weight   | 14 kg         |
| Package Level 1 EAN            | 8056221003612 |

## 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               | 1SDH002065A1214<br>1SDH002065A1245 |

## Technical

|                                                                    |                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Type                                                       | AC                                                                                                                                                                                                                                                                                                 |
| Electrical Durability                                              | 5000 cycle<br>60 cycles per hour                                                                                                                                                                                                                                                                   |
| Mechanical Durability                                              | 20000 cycle<br>120 cycles per hour                                                                                                                                                                                                                                                                 |
| Number of Poles                                                    | 4P                                                                                                                                                                                                                                                                                                 |
| Order Multiple                                                     | 1 piece                                                                                                                                                                                                                                                                                            |
| Power Loss                                                         | 53.4 W                                                                                                                                                                                                                                                                                             |
| Rated Current ( $I_n$ )                                            | 800 A                                                                                                                                                                                                                                                                                              |
| Rated Impulse<br>Withstand Voltage ( $U_{imp}$ )                   | 8 kV                                                                                                                                                                                                                                                                                               |
| Rated Insulation Voltage<br>( $U_i$ )                              | 1000 V                                                                                                                                                                                                                                                                                             |
| Rated Operational<br>Voltage                                       | 690 V AC                                                                                                                                                                                                                                                                                           |
| Rated Service Short-<br>Circuit Breaking<br>Capacity ( $I_{cs}$ )  | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(240 V AC) 70 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(525 V AC) 25 kA<br>(690 V AC) 20 kA                                                                                                                   |
| Rated Short-time<br>Withstand Current Low<br>Voltage ( $I_{cw}$ )  | 10 kA                                                                                                                                                                                                                                                                                              |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity ( $I_{cu}$ ) | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(240 V AC) 70 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(525 V AC) 25 kA<br>(690 V AC) 20 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 2 Poles in Series 20 kA<br>(750 V DC) 3 Poles in Series 18 kA |
| Rated Uninterrupted<br>Current ( $I_u$ )                           | 800 A                                                                                                                                                                                                                                                                                              |
| Release                                                            | Ekip Dip LSIG                                                                                                                                                                                                                                                                                      |
| Release Type                                                       | EL                                                                                                                                                                                                                                                                                                 |
| Short-Circuit<br>Performance Level                                 | N                                                                                                                                                                                                                                                                                                  |
| Standards                                                          | IEC60947-2                                                                                                                                                                                                                                                                                         |
| Sub-type                                                           | XT6                                                                                                                                                                                                                                                                                                |
| Terminal Connection<br>Type                                        | Front                                                                                                                                                                                                                                                                                              |

## Certificates and Declarations

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Data Sheet, Technical<br>Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of<br>Conformity - CE    | 9AKK107680A2825                    |
| Mechanical Drawings                  | 1SDH002012A1101                    |

|                          |                 |
|--------------------------|-----------------|
| Wiring Diagram           | 1SDM000005A1001 |
| Instructions and Manuals | 1SDH002012A1001 |

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 |
| Object Classification Code | Q                                                                            |
| 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

