



PRODUCT-DETAILS

XT6S 1000 Ekip Dip LSI In=1000 4p F F

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| General Information   |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT6S 1000 Ekip Dip LSI In=1000 4p F F                                                                           |
| Product ID            | 1SDA100757R1                                                                                                    |
| EAN                   | 8056221008112                                                                                                   |
| Catalog Description   | XT6S 1000 Ekip Dip LSI In=1000 4p F F                                                                           |
| Long Description      | C.BREAKER TMAX XT6S 1000 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LSI R 1000 |

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

| Circular Value                                |                                                             |
|-----------------------------------------------|-------------------------------------------------------------|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 60 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658                                             |

(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2356                                     |
| 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 | 9AKK108468A9752 |
|                                         | 9AKK108468A2295 |

Environmental

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| 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 | XT6SE41K0FFF000XXX |
| EAN                      | 8056221008112      |
| 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            | 8056221008112 |

Additional Information

|                                       |                     |
|---------------------------------------|---------------------|
| Circuit Breaker Type to be Associated | Power Distribution  |
| Current Type                          | AC                  |
| Electrical Durability                 | 120 cycles per hour |

|                                                                          |                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                          | 5000 cycle                                                                                                                                                                                                                                                                                         |
| Mechanical Durability                                                    | 240 cycles per hour<br>20000 cycle                                                                                                                                                                                                                                                                 |
| Number of Poles                                                          | 4                                                                                                                                                                                                                                                                                                  |
| Order Multiple                                                           | 1 piece                                                                                                                                                                                                                                                                                            |
| Power Loss                                                               | 83.5 W                                                                                                                                                                                                                                                                                             |
| Product Main Type                                                        | SACE Tmax XT                                                                                                                                                                                                                                                                                       |
| Product Name                                                             | Moulded Case Circuit Breaker                                                                                                                                                                                                                                                                       |
| Product Type                                                             | Automatic Circuit Breaker                                                                                                                                                                                                                                                                          |
| Rated Current (I <sub>n</sub> )                                          | 1000 A                                                                                                                                                                                                                                                                                             |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>)                | 8 kV                                                                                                                                                                                                                                                                                               |
| Rated Insulation Voltage<br>(U <sub>i</sub> )                            | 1000 V                                                                                                                                                                                                                                                                                             |
| Rated Operational<br>Voltage                                             | 690 V AC                                                                                                                                                                                                                                                                                           |
| Rated Service Short-<br>Circuit Breaking<br>Capacity (I <sub>cs</sub> )  | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 45 kA<br>(500 V AC) 35 kA<br>(525 V AC) 35 kA<br>(690 V AC) 22 kA                                                                                                                   |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> )  | 10 kA                                                                                                                                                                                                                                                                                              |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (I <sub>cu</sub> ) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 45 kA<br>(500 V AC) 35 kA<br>(525 V AC) 35 kA<br>(690 V AC) 22 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(500 V DC) 2 Poles in Series 35 kA<br>(750 V DC) 3 Poles in Series 24 kA |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                         | 1000 A                                                                                                                                                                                                                                                                                             |
| Release                                                                  | Ekip Dip LSI                                                                                                                                                                                                                                                                                       |
| Release Type                                                             | EL                                                                                                                                                                                                                                                                                                 |
| Short-Circuit<br>Performance Level                                       | S                                                                                                                                                                                                                                                                                                  |
| Standards                                                                | IEC60947-2                                                                                                                                                                                                                                                                                         |
| Sub-type                                                                 | XT6                                                                                                                                                                                                                                                                                                |
| Terminal Connection<br>Type                                              | Front                                                                                                                                                                                                                                                                                              |
| Version                                                                  | F                                                                                                                                                                                                                                                                                                  |
| CAD Dimensional<br>Drawing                                               | 1SDH002065A1214<br>1SDH002065A1245                                                                                                                                                                                                                                                                 |

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 |

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 |
| 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

