

## PRODUCT-DETAILS

# XT2N 160 Ekip LS/I In=160A 3p F F

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## General Information

|                       |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT2N 160 Ekip LS/I In=160A 3p F F                                                                             |
| Product ID            | 1SDA067058R1                                                                                                  |
| EAN                   | 8015644007959                                                                                                 |
| Catalog Description   | XT2N 160 Ekip LS/I In=160A 3p F F                                                                             |
| Long Description      | C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I R 160 A |

## Ordering

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT2NE3160EFF000XXX |
| E-Number (Finland)       | 3638188            |
| E-Number (Sweden)        | 3182027            |
| EAN                      | 8015644007959      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 90 mm    |
| Product Net Height         | 130 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 1.625 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 130 mm        |
| Package Level 1 Height         | 208 mm        |
| Package Level 1 Depth / Length | 145 mm        |
| Package Level 1 Gross Weight   | 1.71 kg       |
| Package Level 1 EAN            | 8015644007959 |
| Package Level 2 EAN            | 8015644007959 |

## Environmental

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|------------------------------------------------------------------------|

## Additional Information

|                                                             |                                                                                                                                                                                  |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand / Label                                               | ABB                                                                                                                                                                              |
| Circuit Breaker Type to be Associated                       | Power Distribution                                                                                                                                                               |
| Current Type                                                | AC                                                                                                                                                                               |
| Electrical Durability                                       | 120 cycles per hour<br>8000 cycle                                                                                                                                                |
| Mechanical Durability                                       | 240 cycles per hour<br>25000 cycle                                                                                                                                               |
| Number of Poles                                             | 3                                                                                                                                                                                |
| Opening Time                                                | CB with SOR 15 ms<br>CB with UVR 15 ms                                                                                                                                           |
| Order Multiple                                              | 1 piece                                                                                                                                                                          |
| Product Main Type                                           | SACE Tmax XT                                                                                                                                                                     |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                     |
| Product Type                                                | CB                                                                                                                                                                               |
| Rated Current ( $I_n$ )                                     | 160 A                                                                                                                                                                            |
| Rated Frequency (f)                                         | 50 / 60 Hz                                                                                                                                                                       |
| Rated Voltage ( $U_r$ )                                     | 690 V                                                                                                                                                                            |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                                                                                                                             |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                                                                                                                                           |
| Rated Operational Voltage                                   | 690 V AC                                                                                                                                                                         |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 10 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 10 kA |

|                                               |                        |
|-----------------------------------------------|------------------------|
| Rated Uninterrupted Current (I <sub>u</sub> ) | 160 A                  |
| Release                                       | Ekip LS/I              |
| Release Type                                  | EL                     |
| RoHS Date                                     | NA                     |
| Short-Circuit Performance Level               | N                      |
| Standards                                     | IEC                    |
| Sub-type                                      | XT2                    |
| Terminal Connection Type                      | Fixed Circuit-Breakers |
| Version                                       | F                      |

## Certificates and Declarations (Document Number)

|                                   |                                                                   |
|-----------------------------------|-------------------------------------------------------------------|
| ABS Certificate                   | 1SDL000163R0109                                                   |
| BV Certificate                    | 1SDL000163R0099                                                   |
| CB Certificate                    | 9AKK106713A2843                                                   |
| CQC Certificate                   | CQC2013010307643219<br>CQC2013010307650258<br>CQC2018010307082330 |
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206                                |
| Declaration of Conformity - CCC   | 9AKK108466A7755<br>2020980307003311<br>2020980307003400           |
| Declaration of Conformity - CE    | 9AKK106713A5901                                                   |
| DNV GL Certificate                | 1SDL000163R0096                                                   |
| EAC Certificate                   | 9AKK10103A1027                                                    |
| Environmental Information         | 9AKK107991A8215                                                   |
| GL Certificate                    | 1SDL000163R0093                                                   |
| I <sup>2</sup> t Characteristic   | 1SDC210099D0206                                                   |
| Instructions and Manuals          | 1SDH000721R0001                                                   |
| KC Certificate                    | HW05022-15105                                                     |
| LR Certificate                    | 1SDL000163R0100                                                   |
| REACH Declaration                 | 9AKK108466A1425                                                   |
| RINA Certificate                  | 1SDL000163R0098                                                   |
| RoHS Information                  | 9AKK108466A1424                                                   |
| Time-Current Characteristic Curve | 1SDC210099D0206                                                   |
| UL Certificate                    | 1SDL000163R0112                                                   |
| VDE Certificate                   | No certification needed                                           |
| Dimension Diagram                 | 1SDC210099D0206                                                   |
| Mechanical Drawings               | 1SDH000721R0100                                                   |
| Wiring Diagram                    | 1SDM000068R0001                                                   |

## Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q                                                                            |

|               |                                                            |
|---------------|------------------------------------------------------------|
| UNSPSC        | 39120000                                                   |
| 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

