

PRODUCT-DETAILS

XT2S 160 Ekip LSIG In=10A 3p F F

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General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT2S 160 Ekip LSIG In=10A 3p F F   |
| Product ID            | 1SDA067815R1   |
| EAN                   | 8015644017118  |
| Catalog Description   | XT2S 160 Ekip LSIG In=10A 3p F F   |
| Long Description      | C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LSIG R 10 A |

ABB EcoSolutions

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

Circular Value

|   |   |
|---|---|
| Circular Design Principles                  | Design for Closing Resource Loops - Standard EN45555 - 58.1 % |
| Recyclability Rate                          |   |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658   |
| End of Life Instructions                    | 9AKK108468A2349   |
| Group Waste to Landfill Target              | UL 2799 Zero Waste To Landfill Validation available           |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326   |

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## Eco Transparency

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|---|-----------------|
| Environmental Product Declaration - EPD | 9AKK108468A1897 |
|---|-----------------|

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## Environmental

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|---------------------------|--|
| Environmental Information | 9AKK108467A6707  |
| REACH Declaration         | 9AKK108466A1425  |
| RoHS Information          | 9AKK108466A1424  |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

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## Ordering

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|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT2SE3010GFF000XXX |
| EAN                      | 8015644017118      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

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## Dimensions

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|                            |         |
|----------------------------|---------|
| Product Net Width          | 90 mm   |
| Product Net Height         | 130 mm  |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight         | 1.2 kg  |

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## Container Information

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|                                |               |
|--------------------------------|---------------|
| 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   | 1.22 kg       |
| Package Level 1 EAN            | 8015644017118 |

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## Additional Information

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|                                       |   |
|---------------------------------------|---|
| Circuit Breaker Type to be Associated | Power Distribution                            |
| Connecting Capacity Main Circuit      | Busbar 32.5..100 mm²                          |
| 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                                       |
| Power Loss                            | at Rated Operating Conditions per Pole 0.10 W |
| Product Main Type                     | SACE Tmax XT                                  |

|   |  |
|---|--|
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | Automatic Circuit Breaker  |
| Rated Current ( $I_n$ )                                     | 10 A   |
| Rated Frequency (f)   | 50/60 Hz   |
| Rated Voltage ( $U_r$ )                                     | 690 V AC   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV   |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V AC  |
| Rated Operational Voltage                                   | 690 V AC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (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) 50 kA<br>(500 V AC) 36 kA<br>(525 V AC) 25 kA<br>(690 V AC) 12 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (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) 50 kA<br>(500 V AC) 36 kA<br>(525 V AC) 25 kA<br>(690 V AC) 12 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 160 A  |
| Recommended Screw Driver                                    | Main Circuit M6  |
| Release   | Ekip LSIG  |
| Release Type  | EL   |
| Short-Circuit Performance Level                             | S  |
| Standards   | IEC  |
| Sub-type  | XT2  |
| Terminal Connection Type                                    | Front  |
| Terminal Type   | Bolt   |
| Tightening Torque   | 6 N·m  |
| Version   | F  |
| CAD Dimensional Drawing                                     | 1SDH002230A1001  |

## Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| ATEX Certificate                  | No certification needed            |
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5901                    |
| GL Certificate                    | 1SDL000163R0093                    |
| LR Certificate                    | 1SDL000163R0100                    |
| UL Certificate                    | No certification needed            |
| VDE Certificate                   | No certification needed            |
| Dimension Diagram                 | 1SDH000721R0100                    |
| Mechanical Drawings               | 1SDH000721R0100                    |
| Wiring Diagram                    | 1SDM000068R0001                    |
| Instructions and Manuals          | 1SDH000721R0001<br>1SDH000721R0506 |

| 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  |  |
| 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 |

