



PRODUCT-DETAILS

XT2S 160 Ekip Dip LS/I In=160A 3p F F

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| General Information | |
|-----------------------|---|
| Extended Product Type | XT2S 160 Ekip Dip LS/I In=160A 3p F F |
| Product ID | 1SDA067804R1 |
| EAN | 8015644017002 |
| Catalog Description | XT2S 160 Ekip Dip LS/I In=160A 3p F F |
| Long Description | C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 160 A |

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

| Circular Value | |
|---|--|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 55.70 % |
| End of Life Instructions | 9AKK108468A2349 |

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

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|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108469A1855 9AKK108468A1897 |
|---|------------------------------------|

Environmental

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|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

Material Compliance

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|---|--|
| 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 |

Ordering

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|--------------------------|--------------------|
| Order Code US and Canada | XT2SE3160EFF000XXX |
| E-Number (Finland) | 3640581 |
| E-Number (Sweden) | 3182030 |
| EAN | 8015644017002 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

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 | 1.4 kg |

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 | 1.71 kg |
| Package Level 1 EAN | 8015644017002 |

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 | 1SDH002230A1001 |

Technical

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|---|--|
| Connecting Capacity Main Circuit | Busbar 32.5..100 mm ² |
| Current Type | AC |
| Electrical Durability | 120 cycles per hour 8000 cycle |
| Mechanical Durability | 240 cycles per hour 25000 cycle |
| Number of Poles | 3 |
| Opening Time | CB with SOR 15 ms CB with UVR 15 ms |
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 10.8 W |
| Rated Current (I _n) | 160 A |
| Rated Frequency (f) | 50 / 60 Hz |
| 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) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA |
| Rated Uninterrupted Current (I _u) | 160 A |
| Rated Voltage (U _r) | 690 V |
| Recommended Screw Driver | Main Circuit M6 |
| Release | Ekip Dip LS/I |
| Release Type | EL |
| Short-Circuit | S |

| | |
|--------------------------|------------|
| Performance Level | |
| Standards | IEC60947-2 |
| Sub-type | XT2 |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 6 N·m |

Certificates and Declarations

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|-----------------------------------|-----------------------------------|
| ATEX Certificate | No certification needed |
| Data Sheet, Technical Information | SDC210100D0206 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 |

Classifications

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|----------------------------|--|
| 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

