

CIRCUIT BREAKER DATASHEET



PRODUCT-DETAILS

XT2N 125 Ekip LS/I In=100A 3p F F UL/CSA

XT2N 125 Ekip LS/I In=100A 3p F F UL/CSA



General Information

| | |
|-----------------------|--|
| Extended Product Type | XT2N 125 Ekip LS/I In=100A 3p F F UL/CSA |
| Product ID | 1SDA074903R1 |
| EAN | 8015644788803 |
| Catalog Description | XT2N 125 Ekip LS/I In=100A 3p F F UL/CSA |
| Long Description | C.BREAKER TMAX XT2N 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I R 100 A |

ABB EcoSolutions

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

Circular Value

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

| | |
|-------------------------------------|-----------------|
| Target | |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326 |

Eco Transparency

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

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 | XT2NU3100EFF000XXX |
| EAN | 8015644788803 |
| 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 | 1.12 kg |

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 131 mm |
| Package Level 1 Height | 212 mm |
| Package Level 1 Depth / Length | 147 mm |
| Package Level 1 Gross Weight | 1.22 kg |
| Package Level 1 EAN | 8015644788803 |

Additional Information

| | |
|---------------------------------------|-----------------------------------|
| Circuit Breaker Type to be Associated | Power Distribution |
| 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 4.2 W |
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| Rated Current (I _n) | 100 A |
| Rated Voltage (U _r) | 600 V |
| Rated Operational Voltage | 600 V AC |
| Rated Uninterrupted Current (I _u) | 125 A |
| Recommended Screw Driver | Main Circuit M6 |
| Release | Ekip LS/I |
| Release Type | EL |
| Short-Circuit Performance Level | N |
| Standards | UL |
| Sub-type | XT2 |
| Suitable for Product Class | SACE Tmax XT |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 6 N·m |
| Version | F |
| CAD Dimensional Drawing | 1SDH002230A1001 |

Technical UL/CSA

| | |
|-----------------------------------|--|
| Interrupting Rating acc. to UL489 | (240 V AC) 65 kA (480 V AC) 25 kA (600 V AC) 18 kA |
|-----------------------------------|--|

Certificates and Declarations

| | |
|-----------------------------------|------------------------------------|
| ATEX Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | 9AKK10103A3906 |
| Data Sheet, Technical Information | 1SDC210200D0206 1SDC210199D0206 |
| Declaration of Conformity - CE | 9AKK106713A5901 |
| UL Certificate | 1SDL000163R0112 |
| VDE Certificate | No certification needed |
| Dimension Diagram | 1SDH000721R0100 |
| Mechanical Drawings | 1SDH000721R0100 |
| Wiring Diagram | 1SDM000068R0001 |
| Instructions and Manuals | 1SDH000721R0003 1SDH000721R0505 |

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 |
| IDEA Granular Category Code (IGCC) | 4932 >> 3 Pole Non-Interchangeable Trip Electronic Circuit Breakers |
| Object Classification Code | Q |
| UNSPSC | 39121616 |
| 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

