

PRODUCT-DETAILS

XT7L 1600 Ekip Touch Meas.LSI 1600 4p FF

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General Information

| | |
|-----------------------|---|
| Extended Product Type | XT7L 1600 Ekip Touch Meas.LSI 1600 4p FF |
| Product ID | 1SDA101249R1 |
| EAN | 8056221010672 |
| Catalog Description | XT7L 1600 Ekip Touch Meas.LSI 1600 4p FF |
| Long Description | C.BREAKER TMAX XT7L 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP TOUCH MEASURING LSI R 1600 |

ABB EcoSolutions

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|------------------|-----|
| ABB EcoSolutions | Yes |
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Circular Value

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|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 64.1 % |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| End of Life Instructions | 9AKK108468A2357 |
| Group Waste to Landfill Target | UL 2799 Zero Waste To Landfill Validation available |

Toxic Substances
Control Act - TSCA

9AKK108467A8326

Eco Transparency

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|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1895 9AKK108468A4404 |
|---|------------------------------------|

Environmental

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|---------------------------|--|
| Ambient Air Temperature | Operation -40 ... 125 °C |
| Environmental Information | 9AKK107991A8215 9AKK108467A6707 |
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Ordering

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|--------------------------|--------------------|
| Order Code US and Canada | XT7LE416FRFF000XXX |
| EAN | 8056221010672 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 280 mm |
| Product Net Height | 268 mm |
| Product Net Depth / Length | 166 mm |
| Product Net Weight | 12.5 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 360 mm |
| Package Level 1 Height | 350 mm |
| Package Level 1 Depth / Length | 360 mm |
| Package Level 1 Gross Weight | 14 kg |
| Package Level 1 EAN | 8056221010672 |

Additional Information

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|---------------------------------------|------------------------------------|
| Circuit Breaker Type to be Associated | Power Distribution |
| Current Type | AC |
| Electrical Durability | 120 cycles per hour 3000 cycle |
| Mechanical Durability | 240 cycles per hour 10000 cycle |
| Number of Poles | 4 |

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|---|--|
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 94 W |
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| Rated Current (I_n) | 1600 A |
| 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) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 120 kA (415 V AC) 120 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 65 kA (690 V AC) 50 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | 20 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (220 V AC) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 120 kA (415 V AC) 120 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 65 kA (690 V AC) 50 kA |
| Rated Uninterrupted Current (I_u) | 1600 A |
| Release | Ekip Touch Measuring LSI |
| Release Type | EL |
| Short-Circuit Performance Level | L |
| Standards | IEC |
| Sub-type | XT7 |
| Terminal Connection Type | Front |
| Version | F |
| CAD Dimensional Drawing | 1SDH002065A1390 1SDH002065A1338 |

Certificates and Declarations

| | |
|-----------------------------------|---|
| Data Sheet, Technical Information | 1SDC210100D0206 1SDC210099D0206 |
| Declaration of Conformity - CE | 9AKK107046A9648 |
| Mechanical Drawings | 1SDH002013A1101 |
| Wiring Diagram | 1SDM000002A1001 |
| Instructions and Manuals | 1SDH002013A1001 1SDH002013A1002 1SDH001821A1001 |

Classifications

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

