

PRODUCT-DETAILS

XT4S 160 Ekip LS/I In=40A 3p F F

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General Information

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|-----------------------|--|
| Extended Product Type | XT4S 160 Ekip LS/I In=40A 3p F F |
| Product ID | 1SDA068471R1 |
| EAN | 8015644023775 |
| Catalog Description | XT4S 160 Ekip LS/I In=40A 3p F F |
| Long Description | C.BREAKER TMAX XT4S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I R 40 A |

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 - 58.5 % |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| End of Life Instructions | 9AKK108468A2352 |
| 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 | 9AKK108468A1898 |
|---|-----------------|

Environmental

| | |
|---------------------------|--|
| 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 | XT4SE3040EFF000XXX |
| EAN | 8015644023775 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 105 mm |
| Product Net Height | 160 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 2.5 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 145 mm |
| Package Level 1 Height | 210 mm |
| Package Level 1 Depth / Length | 168 mm |
| Package Level 1 Gross Weight | 2.5 kg |
| Package Level 1 EAN | 8015644023775 |

Additional Information

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|---------------------------------------|--|
| Circuit Breaker Type to be Associated | Power Distribution |
| Connecting Capacity Main Circuit | Busbar 85..200 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 0.6 W |
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| Rated Current (I _n) | 40 A |

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|---|--|
| 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) 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 |
| Recommended Screw Driver | Main Circuit M8 |
| Release | Ekip LS/I |
| Release Type | EL |
| Short-Circuit Performance Level | S |
| Standards | IEC |
| Sub-type | XT4 |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 8 N·m |
| Version | F |
| CAD Dimensional Drawing | 1SDH002230A1003 |

Certificates and Declarations

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|-----------------------------------|------------------------------------|
| ATEX Certificate | No certification needed |
| Data Sheet, Technical Information | 1SDC210100D0206 1SDC210099D0206 |
| Declaration of Conformity - CE | 9AKK106713A5529 |
| GL Certificate | 1SDL000163R0095 |
| LR Certificate | 1SDL000163R0100 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Dimension Diagram | 1SDH000722R0100 |
| Mechanical Drawings | 1SDH000722R0100 |
| Wiring Diagram | 1SDM000068R0001 |
| Instructions and Manuals | 1SDH000722R0001 |

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 |
| 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

