

PRODUCT-DETAILS

XT1N 160 TMD 32-450 3p F F

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General Information

| | |
|-----------------------|---|
| Extended Product Type | XT1N 160 TMD 32-450 3p F F |
| Product ID | 1SDA067411R1 |
| EAN | 8015644013059 |
| Catalog Description | XT1N 160 TMD 32-450 3p F F |
| Long Description | C.BREAKER TMAX XT1N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 32-450 A |

Ordering

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|------------------------|---------------|
| EAN | 8015644013059 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 76.2 mm |
| Product Net Height | 130 mm |
| Product Net Depth / Length | 70 mm |
| Product Net Weight | 1.077 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 128 mm |
| Package Level 1 Height | 135 mm |
| Package Level 1 Depth / Length | 143 mm |
| Package Level 1 Gross Weight | 1.134 kg |
| Package Level 1 EAN | 8015644013059 |

Additional Information

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|---|---|
| Circuit Breaker Type to be Associated | Power Distribution |
| Current Type | AC/DC |
| Electrical Durability | 120 cycles per hour 8000 cycle |
| Mechanical Durability | Nr. Operations 240 cycles per hour Nr. Operations 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 2.1 W |
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | CB |
| Rated Current (I_n) | 32 A |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Voltage (U_r) | 690 V |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Instantaneous Short-Circuit Current Setting (I_i) | 450 A |
| Rated Insulation Voltage (U_i) | 800 V |
| Rated Operational Voltage | 690 V AC 500 V DC |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | (220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current (I_u) | 160 A |
| Release Type | TM |
| Setting Range | 22.4...32 A |

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|--------------------------|------------------------|
| Standards | IEC |
| Sub-type | XT1 |
| Terminal Connection Type | Fixed Circuit-Breakers |
| Version | F |

Certificates and Declarations (Document Number)

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|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0204 1SDC210099D0204 |
| Declaration of Conformity - CE | 9AKK106713A5532 |
| Environmental Information | 1SDL000190R0001 |
| GL Certificate | 1SDL000163R0103 |
| Instructions and Manuals | 1SDH000719R0001 |
| LR Certificate | 1SDL000163R0100 |

Classifications

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|----------------------------|--|
| ETIM 4 | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 5 | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 6 | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 7 | 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) |

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

