

PRODUCT-DETAILS

ST202M-Z50

ST202M-Z50 Miniature Circuit Breaker - 2P - Z - 50 A



General Information

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|-----------------------|---|
| Extended Product Type | ST202M-Z50 |
| Product ID | 2CDS272334R0578 |
| EAN | 4016779022866 |
| Catalog Description | ST202M-Z50 Miniature Circuit Breaker - 2P - Z - 50 A |
| Long Description | ST202M-Z50 Miniature Circuit Breaker ST202M-Z50 Miniature Circuit Breaker Z-Char., 5kA, 50A, 2P |

Technical

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|---|---|
| Standards | CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077 |
| Tripping Characteristic | Z |
| Rated Operational Voltage | acc. to IEC 60947-2 400 V |
| Rated Insulation Voltage (U _i) | acc. to IEC/EN 60664-1 440 V |
| Rated Impulse Withstand Voltage (U _{imp}) | 4 kV |
| Input Voltage Type | AC |
| Rated Current (I _n) | 50 A |
| Rated Ultimate Short-Circuit Breaking | (125 V DC) 15 kA (400 V AC) 15 kA |

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|--|---|
| Capacity (I_{cu}) | |
| Rated Conditional Short-Circuit Current (I_{nc}) | (230 V) 15 kA (400 V) 15 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | (400 V AC) 7.5 kA |
| Rated Frequency (f) | 50 ... 60 Hz |
| Power Loss | 2.5 W at Rated Operating Conditions per Pole 2.5 W |
| Energy Limiting Class | 3 |
| Number of Poles | 2 |
| Number of Protected Poles | 2 |
| Overvoltage Category | III |
| Accessories Available | Yes |
| Connecting Capacity | Flexible 25 ... 25 mm ² Rigid 35 ... 35 mm ² |
| Terminal Type | Double Clamp |

Environmental

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| Ambient Air Temperature | Operation -25 ... +55 °C |
| Degree of Protection | IP20 |
| Pollution Degree | 3 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Information | 2CDK400679D2704 |
| REACH Declaration | 9AKK107492A1906 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Technical UL/CSA

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| Interrupting Rating acc. to UL1077 | (125 V DC) 10 kA (480Y / 277 V AC) 5 kA |
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Dimensions

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| Width in Number of Modular Spacings | 2 |
| Product Net Width | 35 mm |
| Product Net Height | 88 mm |
| Product Net Depth / Length | 69 mm |
| Product Net Weight | 0.23 kg |
| Built-In Depth (t_2) | 69 mm |

Ordering

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| Minimum Order Quantity | 1 piece |
| Package Level 1 Units | carton 1 piece |
| Package Level 1 Gross Weight | 0.26 kg |

Certificates and Declarations

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|--------------------------------|------------------------|
| Certification Agency | CSA EN IEC UL |
| Declaration of Conformity - CE | 2CDK400679D2704 |

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 9AKK107046A3150 |
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Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107046A3150 |
|-----------------------------------|-----------------|

Classifications

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|------------------------------------|--|
| ETIM 8 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 9 | EC000042 - Miniature circuit breaker (MCB) |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |
| CN8 | 8536 20 10 |
| UNSPSC | 39121603 |
| eClass | V11.0 : 27141901 |
| IDEA Granular Category Code (IGCC) | 4899 >> Miniature circuit breaker (MCB) screw-in model |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs

