PRODUCT-DETAILS

# S401M-D50

## S401M-D50 Miniature Circuit Breaker



### General Information

| | |
|---|---|
| Extended Product Type | S401M-D50 |
| Product ID | 2CCS571001R0501 |
| EAN | 7612270101580 |
| Catalog Description | S401M-D50 Miniature Circuit Breaker |
| Long Description | Pluggable Miniature circuit-breaker for the SMISSLINE TP System acc. IEC/EN 60898-1 Rated short-circuit capacity Icn 10 kA Rated current In 50A Tripping characteristic D Poles 1L Rated voltage Ue 230 VAC |

### Technical

| | |
|---|---|
| Standards | IEC/EN 60898-1 |
| Product Name | Miniature Circuit Breaker |
| Tripping Characteristic | D |
| Rated Voltage ($U_r$) | 230 V |
| Rated Operational Voltage | acc. to IEC 60898-1 240 V AC |
| 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 Operational Current ($I_e$) | 50 A |

| | |
|---|---|
| Rated Short-Circuit Capacity ($I_{cn}$) | (400 V) 10 kA<br>(230 V) 10 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (230 V) 25 kA<br>(400 V) 10 kA |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | (400 V) 10 kA<br>(230 V) 25 kA |
| Rated Service Short-Circuit Breaking Capacity ($I_{cs}$) | (230 V AC) 7.5 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of Icu ($I_{cs}$) | 50 % |
| Frequency (f) | 50 ... 60 Hz |
| Rated Frequency (f) | 50 ... 60 Hz |
| Power Loss | 4.3 W |
| Energy Limiting Class | 3 |
| Number of Poles | 1 |
| Number of Protected Poles | 1 |
| Overvoltage Category | III |
| Release Type | D |
| Accessories Available | Yes |
| Connecting Capacity | Rigid 0.75 ... 25 mm² |

## Environmental

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|---|---|
| Ambient Temperature | -25...55 °C |
| Ambient Air Temperature | Operation -25...55 °C |
| Degree of Protection | IP20 |
| Pollution Degree | 3 |
| RoHS Status | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Environmental Information | 2CCY451206D0201 |

## Dimensions

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|---|---|
| Width in Number of Modular Spacings | 1 |
| Product Net Width | 18 mm |
| Product Net Height | 91 mm |
| Product Net Depth / Length | 75 mm |
| Product Net Weight | 140 g |
| Product Net Length | 82 mm |
| Size | 1 module |
| Built-In Depth ($t_2$) | 75 mm |

## Container Information

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|---|---|
| Package Level 1 Units | carton 10 piece |
| Package Level 1 Width | 100 mm |
| Package Level 1 Height | 125 mm |
| Package Level 1 Depth / Length | 185 mm |
| Package Level 1 Gross Weight | 170 g |
| Package Level 1 EAN | 7612270101580 |

## Ordering

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|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362020 |
| E-Number (Switzerland) | 809824807 |
| Country of Origin | Switzerland (CH) |
| Selling Unit of Measure | piece |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| Declaration of Conformity - CE | 9AKK107991A9634 |
| Environmental Information | 2CCY451206D0201 |
| Instructions and Manuals | 2CCC451019M0109 |
| RoHS Information | 2CCC413008D0206_RoHS |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 9AKK107492A6192 |
| Instructions and Manuals | 2CCC451019M0109 |
| Dimension Diagram | 9AKK107492A6192 |

## Classifications

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|---|---|
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 8 | EC000042 - Miniature circuit breaker (MCB) |
| EPLAN Catalog Tree | Electrical engineering / Protection devices / General |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |
| CN8 | 85362020 |
| Object Classification Code | FC |

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Plug-in Distribution Systems → Miniature Circuit Breakers MCBs

