PRODUCT-DETAILS

# S801S-UCK50

## S801S-UCK50 High Performance MCB



### General Information

| | |
|---|---|
| Extended Product Type | S801S-UCK50 |
| Product ID | 2CCS861001R1577 |
| EAN | 7612271203399 |
| Catalog Description | S801S-UCK50 High Performance MCB |
| Long Description | S801S-UCK50 High Performance Miniature Circuit Breaker 1 Pole K Characteristic 50A 50kA 250VDC |

### Technical

| | |
|---|---|
| Standards | IEC/EN 60947-2 |
| Tripping Characteristic | UC-K |
| Type of Residual Current | Standard Version |
| Rated Operational Voltage | acc. to IEC 60947-2 250 V DC |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 1500 V |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 8 kV |

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| | |
|---|---|
| Input Voltage Type | DC |
| Rated Current ($I_n$) | 50 A |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (250 V DC) 50 kA |
| Rated Service Short-Circuit Breaking Capacity ($I_{cs}$) | (250 V DC) 50 kA |
| Rated Frequency (f) | 0 Hz |
| Power Loss | 4.3 W<br>at Rated Operating Conditions per Pole 4.3 W |
| Contact Position Indication | ON / OFF / TRIP |
| Energy Limiting Class | 3 |
| Number of Protected Poles | 1 |
| Number of Poles | 1 |
| Overvoltage Category | III |
| Release Type | K |
| Actuator Marking | I / O |
| Accessories Available | Yes |
| Connecting Capacity | Flexible 0 … 50 mm²<br>Rigid 0 … 70 mm² |
| Terminal Type | Screw Terminals |

## Material Compliance

| | |
|---|---|
| RoHS Information | 9AKK107680A3903<br>2CCC005084D0202 |
| RoHS Status | Following EU Directive 2011/65/EU |
| RoHS Date | 20170426 |
| REACH Declaration | 9AKK108469A6125 |
| REACH Information | No data - If REACH inform is not yet available for a certain product |
| REACH Date | 20190320 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

## Environmental

| | |
|---|---|
| Ambient Air Temperature | Operation -25 … +60 °C<br>Storage -40 … +70 °C |
| Degree of Protection | IP20 |
| Pollution Degree | 2 |
| Environmental Information | 2CCY413207D0203 |

## Dimensions

| | |
|---|---|
| Width in Number of Modular Spacings | 1.5 |
| Product Net Width | 27 mm |
| Product Net Height | 95 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 245 g |

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| | |
|---|---|
| Size | 1 module |
| Built-In Depth ($t_2$) | 82.5 mm |
| Dimension Diagram | 2CCC413003C0201 |

## Ordering

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 270 g |

## Certificates and Declarations

| | |
|---|---|
| CB Certificate | 2CCC413025D0202 |
| CCC Certificate | CQC2007010307251328 |
| Declaration of Conformity - CE | 2CCC005084D0202 |
| ESTI Certificate | S800 GOST |
| UL Certificate | 9AKK107680A2286 |
| VDE Certificate | 2CCC413040D0601 |

## Installation

| | |
|---|---|
| Instructions and Manuals | 2CCC413016M0008 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 9AKK108468A9560<br>9AKK108468A9561<br>9AKK108468A9562 |

## Classifications

| | |
|---|---|
| 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 | 85362020 |
| eClass | V11.0 : 27141901 |
| Object Classification Code | F |

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## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs → High Performance Circuit Breakers HPCBs





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