

PRODUCT-DETAILS

# S804U-UCZ50

## S804U-UCZ50 High Performance MCB



### General Information

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Extended Product Type | S804U-UCZ50                                                                               |
| Product ID            | 2CCS248362R0001                                                                           |
| EAN                   | 7612271420765                                                                             |
| Catalog Description   | S804U-UCZ50 High Performance MCB                                                          |
| Long Description      | S804U-UCZ50 4 Pole Z Characteristic 50A 10kA 600VDC High Performance Circuit Breaker HPCB |

### Technical

|                                           |                                                     |
|-------------------------------------------|-----------------------------------------------------|
| Standards                                 | UL 489                                              |
| Number of Poles                           | 4                                                   |
| Number of Protected Poles                 | 4                                                   |
| Tripping Characteristic                   | Z                                                   |
| Rated Current ( $I_n$ )                   | 50 A                                                |
| Rated Operational Voltage                 | 600 V DC                                            |
| Rated Voltage ( $U_r$ )                   | 600 V                                               |
| Power Loss                                | 6 W<br>at Rated Operating Conditions per Pole 1.5 W |
| Rated Insulation Voltage ( $U_i$ )        | 1500 V                                              |
| Rated Short-Circuit Capacity ( $I_{cn}$ ) | (400 V) 10 kA<br>(230 V) 10 kA                      |
| Energy Limiting Class                     | 3                                                   |

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Overvoltage Category                                | III                                                                 |
| Pollution Degree                                    | 3                                                                   |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 8 kV                                                                |
| Actuator Marking                                    | I / O                                                               |
| Contact Position Indication                         | ON / OFF / TRIP                                                     |
| Degree of Protection                                | IP20                                                                |
| Connecting Capacity                                 | Rigid 0 ... 50 mm <sup>2</sup><br>Flexible 0 ... 70 mm <sup>2</sup> |
| Built-In Depth (t <sub>2</sub> )                    | 82.5 mm                                                             |

## Environmental

|                         |                                   |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25...60 °C             |
| RoHS Status             | Following EU Directive 2011/65/EU |

## Technical UL/CSA

|                                   |                  |
|-----------------------------------|------------------|
| Interrupting Rating acc. to UL489 | (600 V DC) 10 kA |
|-----------------------------------|------------------|

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 106 mm  |
| Product Net Depth / Length | 82.5 mm |
| Product Net Height         | 142 mm  |
| Product Net Weight         | 980 g   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 150 mm        |
| Package Level 1 Depth / Length | 111 mm        |
| Package Level 1 Height         | 99 mm         |
| Package Level 1 Gross Weight   | 1010 g        |
| Package Level 1 EAN            | 7612271420765 |

## Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85362020 |

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CCC413009D0201 |
| Environmental Information      | 2CCY413207D0203 |
| Instructions and Manuals       | 9AKK1074920410  |
| RoHS Information               | 2CCC413009D0201 |

9AKK107680A3903

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CCC413003C0208 |
| Instructions and Manuals          | 9AKK1074920410  |

Classifications

|                            |                                            |
|----------------------------|--------------------------------------------|
| Object Classification Code | F                                          |
| ETIM 6                     | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7                     | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 8                     | EC000042 - Miniature circuit breaker (MCB) |

Categories

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

