

PRODUCT-DETAILS

# S802S-UCB16

## S802S-UCB16 High Performance MCB



### General Information

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Extended Product Type | S802S-UCB16                                                                                        |
| Product ID            | 2CCS862001R1165                                                                                    |
| EAN                   | 7612271202989                                                                                      |
| Catalog Description   | S802S-UCB16 High Performance MCB                                                                   |
| Long Description      | S802S-UCB16 High Performance Miniature Circuit Breaker 2 Poles B Characteristic 16A<br>50kA 250VDC |

### Technical

|                                               |                               |
|-----------------------------------------------|-------------------------------|
| Standards                                     | IEC/EN 60947-2                |
| Tripping Characteristic                       | UC-B                          |
| Type of Residual Current                      | standard version              |
| Rated Voltage ( $U_r$ )                       | acc. to IEC 60947-2 500 V DC  |
| Rated Operational Voltage                     | acc. to IEC 60947-2 500 V DC  |
| Rated Insulation Voltage ( $U_i$ )            | acc. to IEC/EN 60664-1 1000 V |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ) | 8 kV                          |
| Input Voltage Type                            | DC                            |
| Rated Current ( $I_n$ )                       | 16 A                          |
| Rated Operational Current ( $I_e$ )           | 16 A                          |
| Rated Ultimate Short-                         | (500 V DC) 50 kA              |

|                                                            |                                                                     |
|------------------------------------------------------------|---------------------------------------------------------------------|
| Circuit Breaking Capacity ( $I_{cu}$ )                     | (230 V) 50 kA<br>(400 V) 50 kA                                      |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )       | (230 V) 50 kA<br>(400 V) 50 kA                                      |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ) | (500 V DC) 50 kA                                                    |
| Frequency (f)                                              | 50...60 Hz                                                          |
| Rated Frequency (f)                                        | 50 ... 60 Hz                                                        |
| Power Loss                                                 | 6.2 W<br>at Rated Operating Conditions per Pole 3.1 W               |
| Contact Position Indication                                | ON / OFF / TRIP                                                     |
| Energy Limiting Class                                      | 3                                                                   |
| Number of Poles                                            | 2                                                                   |
| Number of Protected Poles                                  | 2                                                                   |
| Overvoltage Category                                       | III                                                                 |
| Release Type                                               | B                                                                   |
| Actuator Marking                                           | I / O                                                               |
| Accessories Available                                      | Yes                                                                 |
| Connecting Capacity                                        | Rigid 0 ... 50 mm <sup>2</sup><br>Flexible 0 ... 70 mm <sup>2</sup> |
| Terminal Type                                              | Screw Terminals                                                     |

## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| Ambient Temperature       | -25...60 °C                       |
| Ambient Air Temperature   | Operation -25...60 °C             |
| Degree of Protection      | IP20                              |
| Pollution Degree          | 2                                 |
| RoHS Status               | Following EU Directive 2011/65/EU |
| Environmental Information | 2CCY413207D0203                   |

## Dimensions

|                                     |           |
|-------------------------------------|-----------|
| Width in Number of Modular Spacings | 3         |
| Product Net Width                   | 54 mm     |
| Product Net Height                  | 95 mm     |
| Product Net Depth / Length          | 82.5 mm   |
| Product Net Weight                  | 490 g     |
| Product Net Length                  | 54 mm     |
| Size                                | 2 modules |
| Built-In Depth ( $t_2$ )            | 82.5 mm   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 105 mm        |
| Package Level 1 Height         | 99 mm         |
| Package Level 1 Depth / Length | 60 mm         |
| Package Level 1 Gross Weight   | 510 g         |
| Package Level 1 EAN            | 7612271202989 |

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## Ordering

|                        |                  |
|------------------------|------------------|
| Minimum Order Quantity | 1 piece          |
| Customs Tariff Number  | 85362010         |
| Country of Origin      | Switzerland (CH) |

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## Certificates and Declarations (Document Number)

|                                |                                    |
|--------------------------------|------------------------------------|
| Declaration of Conformity - CE | 2CCC005084D0202                    |
| Environmental Information      | 2CCY413207D0203                    |
| Instructions and Manuals       | 2CCC413016M0008                    |
| RoHS Information               | 9AKK107680A3903<br>2CCC005084D0202 |

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## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CCC413003C0208 |
| Instructions and Manuals          | 2CCC413016M0008 |
| Dimension Diagram                 | 2CCC413003C0201 |

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## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| 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                                                   |
| 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

