

## PRODUCT-DETAILS

# S804U-Z60

## S804U-Z60 High Performance MCB



### General Information

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| Extended Product Type | S804U-Z60                                                                                   |
| Product ID            | 2CCS864017R0605                                                                             |
| EAN                   | 7612271214791                                                                               |
| Catalog Description   | S804U-Z60 High Performance MCB                                                              |
| Long Description      | S804U-Z60 4 Pole Z Characteristic 60A 50kA 240/415VAC High Performance Circuit Breaker HPCB |

### Technical

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Standards                                 | IEC/EN 60947-2<br>UL 489<br>CSA C22.2 No.5             |
| Number of Poles                           | 4                                                      |
| Number of Protected Poles                 | 4                                                      |
| Tripping Characteristic                   | Z                                                      |
| Rated Current ( $I_n$ )                   | 60                                                     |
| Rated Operational Voltage                 | 240 V AC                                               |
| Power Loss                                | 5.8 W<br>at Rated Operating Conditions per Pole 1.45 W |
| Rated Insulation Voltage ( $U_i$ )        | 690 V                                                  |
| Rated Short-Circuit Capacity ( $I_{cn}$ ) | (400 V) 40 kA<br>(230 V) 40 kA                         |
| Rated Ultimate Short-                     | (415 V AC) 50 kA                                       |

|                                                                  |                                                                     |
|------------------------------------------------------------------|---------------------------------------------------------------------|
| Circuit Breaking Capacity (I <sub>cu</sub> )                     |                                                                     |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ) | (415 V AC) 40 kA                                                    |
| Energy Limiting Class                                            | 3                                                                   |
| Overvoltage Category                                             | III                                                                 |
| Pollution Degree                                                 | 2                                                                   |
| 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 | (240 V AC) 50 kA |
|-----------------------------------|------------------|

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 106 mm  |
| Product Net Depth / Length | 82.5 mm |
| Product Net Height         | 95 mm   |
| Product Net Weight         | 980 g   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 105 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            | 7612271214791 |

## Ordering

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

## Certificates and Declarations (Document Number)

|                |                 |
|----------------|-----------------|
| Declaration of | 2CCC413009D0201 |
|----------------|-----------------|

|                           |                 |
|---------------------------|-----------------|
| Conformity - CE           |                 |
| Environmental Information | 2CCY413207D0203 |
| Instructions and Manuals  | 2CCC413015M0403 |
| RoHS Information          | 2CCC413009D0201 |
|                           | 9AKK107680A3903 |

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CCC413003C0208 |
| Instructions and Manuals          | 2CCC413015M0403 |
| Dimension Diagram                 | 2CCC413003C0201 |

Classifications

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

Categories

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

