

PRODUCT-DETAILS

S802S-UCB25

S802S-UCB25 High Performance MCB



General Information

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|-----------------------|--|
| Extended Product Type | S802S-UCB25 |
| Product ID | 2CCS862001R1255 |
| EAN | 7612271203009 |
| Catalog Description | S802S-UCB25 High Performance MCB |
| Long Description | S802S-UCB25 High Performance Miniature Circuit Breaker 2 Poles B Characteristic 25A 50kA 250VDC |

Technical

| | |
|---|---|
| Standards | IEC/EN 60947-2 |
| Number of Poles | 2 |
| Number of Protected Poles | 2 |
| Tripping Characteristic | UC-B |
| Rated Current (I_n) | 25 A |
| Rated Operational Voltage | 500 V DC |
| Power Loss | 8.4 W at Rated Operating Conditions per Pole 4.2 W |
| Rated Insulation Voltage (U_i) | 1500 V DC |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (500 V DC) 50 kA |
| Rated Service Short-Circuit Breaking | (500 V DC) 50 kA |

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|--|---|
| Capacity (I _{cs}) | |
| Energy Limiting Class | 3 |
| Overvoltage Category | III |
| Pollution Degree | 2 |
| Rated Impulse Withstand Voltage (U _{imp}) | 8 kV |
| Actuator Marking | I / O |
| Contact Position Indication | ON / OFF / TRIP |
| Degree of Protection | IP20 |
| Connecting Capacity | Rigid 0 ... 50 mm ² Flexible 0 ... 70 mm ² |
| Built-In Depth (t ₂) | 82.5 mm |

Environmental

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|-----------------------------|--|
| Ambient Air Temperature | Operation -25...60 °C |
| Environmental Conditions | Damp Heat Cyclic acc. to IEC 60068-2-30 300 + 12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96 % Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100 % Dry Heat Test B acc. to IEC 60068-2-2 16 hours @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hours @ 70 °C |
| RoHS Status | Following EU Directive 2011/65/EU |

Dimensions

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|-------------------------------|---------|
| Product Net Width | 54 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Height | 95 mm |
| Product Net Weight | 490 g |

Container Information

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|-----------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 105 mm |
| Package Level 1 Depth / Length | 60 mm |
| Package Level 1 Height | 99 mm |
| Package Level 1 Gross Weight | 510 g |
| Package Level 1 EAN | 7612271203009 |

Ordering

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

Certificates and Declarations (Document Number)

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|-----------------------------------|-----------------|
| Declaration of Conformity - CE | 2CCC413016D0601 |
| Environmental Information | 2CCY413207D0203 |
| Instructions and Manuals | 2CCC413016M0008 |

RoHS Information

2CCC413016D0601
9AKK107680A3903

Popular Downloads

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

Classifications

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

