

PRODUCT-DETAILS

S801P-C100-R

S801P-C100-R High Performance MCB



General Information

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|-----------------------|---|
| Extended Product Type | S801P-C100-R |
| Product ID | 2CCG001279R0001 |
| EAN | 7612271517489 |
| Catalog Description | S801P-C100-R High Performance MCB |
| Long Description | S801P-C100-R High Performance Circuit Breaker with ring tongue terminal. C Characteristic. 50kA, 100A, 1P |

Technical

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|---|--|
| Standards | IEC/EN 60947-2 |
| Tripping Characteristic | C |
| Rated Voltage (U_r) | AccTolec609472 400 V AC AccTolec609472 125 V DC |
| Rated Operational Voltage | acc. to IEC 60898-1 230 V |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 690 V |
| Rated Impulse Withstand Voltage (U_{imp}) | 6 kV |
| Input Voltage Type | AC/DC 100 A |

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|---|--|
| Rated Current (I_n) | |
| Rated Short-Circuit Capacity | (230 V) 15 kA (400 V) 15 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (400 V) 50 kA (400 V) 240V 4.5 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | (240 / 415 V AC) 40 kA |
| Frequency (f) | 50/60 Hz |
| Rated Frequency (f) | 50/60 Hz |
| Power Loss | at Rated Operating Conditions per Pole 8 W |
| Contact Position Indication | ON / OFF / TRIP |
| Energy Limiting Class | 3 |
| Number of Poles | 1 |
| Number of Protected Poles | 1 |
| Overvoltage Category | III |
| Tightening Torque | 3.5 N·m |
| Release Type | C |
| Actuator Marking | I / O |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position | Any |
| Recommended Screw Driver | Pozidriv 2 |
| Accessories Available | Yes |
| Connecting Capacity | Flexible 1...50 mm ² Rigid 1...70 mm ² |
| Wire Stripping Length | 19 mm |

Environmental

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|---|-----------------------------------|
| Ambient Air Temperature | Operation -25 ... 60 °C |
| Reference Ambient Air Temperature | 30 °C |
| Degree of Protection | IP20 |
| Pollution Degree | 3 |
| RoHS Status | Following EU Directive 2011/65/EU |
| RoHS Information | 9AKK108468A0893 |
| REACH Declaration | 9AKK108468A0699 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Dimensions

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|-------------------------------------|-----|
| Width in Number of Modular Spacings | 1.5 |
|-------------------------------------|-----|

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|----------------------------------|----------|
| Product Net Width | 27.0 mm |
| Product Net Height | 142.0 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 0.245 kg |
| Built-In Depth (t ₂) | 82.5 mm |

Ordering

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|------------------------------|-------------|
| Minimum Order Quantity | 1 piece |
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 0.28 kg |

Certificates and Declarations

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|----------------------------------|-----------------|
| CB Certificate | 9AKK108468A1243 |
| CEBEC Certificate | 9AKK108468A1244 |
| Declaration of Conformity - CE | 9AKK108468A0836 |
| Declaration of Conformity - UKCA | 9AKK108468A0837 |
| DNV GL Certificate | 2CCC413018D0201 |

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 9AKK108467A9512 |
|--------------------------|-----------------|

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK108468A0873 |
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Classifications

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|----------------------------|--|
| 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 | 85362090 |
| eClass | V11.0 : 27141901 |
| Object Classification Code | F |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|------------|-------------|------|----------|-----------------|
|------------|-------------|------|----------|-----------------|

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|-----------------|--------------|---|---|-------|
| 2CCS800900R0011 | S800-AUX | S800-AUX Auxiliary Contact | 1 | piece |
| 2CCS800900R0021 | S800-AUX/ALT | S800-AUX/ALT Auxiliary / Signal Contact | 1 | piece |
| 2CCS800900R0201 | S800-SOR12 | S800-SOR12 Shunt Operation Release | 1 | piece |
| 2CCS800900R0191 | S800-SOR24 | S800-SOR24 Shunt Operation Release | 1 | piece |
| 2CCS800900R0221 | S800-SOR130 | S800-SOR130 Shunt Operation Release | 1 | piece |
| 2CCS800900R0211 | S800-SOR250 | S800-SOR250 Shunt Operation Release | 1 | piece |
| 2CCS800900R0231 | S800-SOR400 | S800-SOR400 Shunt Operation Release | 1 | piece |
| 2CCS800900R0241 | S800-UVR36 | S800-UVR36 Undervoltage Release | 1 | piece |
| 2CCS800900R0251 | S800-UVR60 | S800-UVR60 Undervoltage Release | 1 | piece |
| 2CCS800900R0261 | S800-UVR130 | S800-UVR130 Undervoltage Release | 1 | piece |
| 2CCS800900R0271 | S800-UVR250 | S800-UVR250 Undervoltage Release | 1 | piece |
| 2CCS800900R0181 | S800-CT2125 | S800-CT2125 Cage Terminal | 1 | pack |
| 2CCS800900R0151 | S800-CT4125 | S800-CT4125 Cage Terminal | 1 | pack |
| 2CCS800900R0161 | S800-RT2125 | S800-RT2125 Ring Terminal Cable Connection | 1 | pack |
| 2CCS800900R0131 | S800-RT4125 | S800-RT4125 Ring Terminal Cable Connection | 1 | pack |
| 2CCS800900R0051 | S800-PLL | S800-PLL Locking Device IEC | 1 | pack |
| 2CCS800017R0001 | S800U-PLL | S800U-PLL UL Locking Device | 1 | piece |
| 2CCS800900R0031 | S800-IP9 | S800-IP9 Intermediate Piece | 1 | piece |

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|-----------------|---------------|---|---|-------|
| 2CCS800900R0501 | S800-RSU-H | S800-RSU-H Remote Switching Unit | 1 | piece |
| 2CCS800900R0041 | S800-RD | S800-RD Rotary Drive | 1 | piece |
| 1SDA060150R0001 | S800-RHE-H | S800-RHE-H Anthracite Rotary Handle | 1 | piece |
| 1SDA060151R0001 | S800-RHE-EM | S800-RHE-EM Red Rotary Handle | 1 | piece |
| 1SDA060179R0001 | S800-RHE-S | S800-RHE-S Axial Extension | 1 | piece |
| 1SDA060180R0001 | S800-RHE-IP54 | S800-RHE- IP54 Kit IP54 | 1 | piece |

Categories

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

