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 PRODUCT-DETAILS

## DS201CR C10 AC30

### Residual Current Circuit Breaker with Overcurrent Protection DS201CR - 2P - 30 mA - 10 A - C - Type AC




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | DS201CR C10 AC30   |
| Product ID            | 2CSR755080R1104  |
| EAN                   | 4022903037880  |
| Catalog Description   | Residual Current Circuit Breaker with Overcurrent Protection DS201CR - 2P - 30 mA - 10 A - C - Type AC   |
| Long Description      | The DS201CR series is a 1P+N RCBO in two-modules width for the protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts. |

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**Technical**

|   |   |
|---|---|
| Type of Residual Current                        | Type AC                                 |
| Rated Residual Breaking Capacity (I $\Delta$ m) | EN 61009-1 6000 A<br>IEC 61009-1 6000 A |
| Power Supply Connection                         | Arbitrary                               |
| Electrical Endurance                            | 10000 cycle                             |
| Number of Protected                             | 1                                       |

## Poles

|                          |   |
|--------------------------|---|
| Number of Poles          | 2P  |
| Operating Characteristic | Instantaneous   |
| Options Provided         | None  |
| Accessories Available    | Yes   |
| Number of Batteries      | 0   |
| Connecting Capacity      | Top 1 ... 25 mm <sup>2</sup><br>Bottom 1 ... 35 mm <sup>2</sup> |

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**Electrical**

|   |                              |
|---|------------------------------|
| Tripping Characteristic                             | C                            |
| Rated Operational Voltage                           | acc. to IEC 60898-1 230 V    |
| Rated Insulation Voltage (U <sub>i</sub> )          | acc. to IEC/EN 60664-1 500 V |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV                         |
| Rated Current (I <sub>n</sub> )                     | 10 A                         |
| Rated Residual Current                              | 30 mA                        |
| Rated Short-Circuit Capacity                        | 6 kA                         |
| Rated Frequency (f)                                 | 50 Hz                        |

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**Material Compliance**

|   |  |
|---|--|
| RoHS Declaration                            | 9AKK108467A6687  |
| RoHS Information                            | Following EU Directive 2011/65/EU                          |
| RoHS Date                                   | 20221220   |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |
| SCIP  | f23f59a8-9c12-4cdf-bc17-b245b549c4d0 Poland                |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                              | Business To Consumer                                       |

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**Environmental**

|                         |                        |
|-------------------------|------------------------|
| Ambient Air Temperature | Operation -5 ... 55 °C |
| Degree of Protection    | IP20                   |
| Pollution Degree        | 2                      |

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**Dimensions**

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 2        |
| Product Net Width                   | 0.036 m  |
| Product Net Height                  | 0.086 m  |
| Product Net Depth / Length          | 0.070 m  |
| Product Net Weight                  | 0.221 kg |

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## Ordering

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|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.250 kg    |

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## Certificates and Declarations

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|----------------------------------|-----------------|
| Declaration of Conformity - CE   | 9AKK108467A6687 |
| Declaration of Conformity - UKCA | 9AKK108467A6688 |

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## Installation

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|                          |                    |
|--------------------------|--------------------|
| Instructions and Manuals | No document needed |
| Mounting Type            | DIN-Rail           |

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## Popular Downloads

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|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | No document needed |
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## External Classifications and Standards

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|           |  |
|-----------|--|
| ETIM 9    | EC000905 - Earth leakage circuit breaker |
| ETIM 10   | EC000905 - Earth leakage circuit breaker |
| Standards | IEC/EN 61009-1<br>IEC/EN 61009-2-1       |

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

