



PRODUCT-DETAILS

# DS202CR B32 A300

## DS202CR B32 A300 Residual Current Circuit Breaker with Overcurrent Protection



General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | DS202CR B32 A300  |
| Product ID            | 2CSR752140R3325   |
| EAN                   | 4022903033943   |
| Catalog Description   | DS202CR B32 A300 Residual Current Circuit Breaker with Overcurrent Protection   |
| Long Description      | The DS202CR series RCBO is a 2P in two-modules device 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. |

Eco Transparency

|   |                 |
|---|-----------------|
| Environmental Product Declaration - EPD | 9AKK108467A5738 |
|---|-----------------|

Technical

|                         |                                    |
|-------------------------|------------------------------------|
| Standards               | IEC/EN 61009-1<br>IEC/EN 61009-2-1 |
| Tripping Characteristic | B                                  |

|   |   |
|---|---|
| Type of Residual Current  | Type A  |
| Rated Operational Voltage   | acc. to IEC 60898-1 230 V   |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC/EN 60664-1 440 V  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 4 kV  |
| Input Voltage Type  | AC  |
| Rated Current (I <sub>n</sub> )                                   | 32 A  |
| Rated Residual Current  | 300 mA  |
| Rated Short-Circuit Capacity                                      | 6 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | 10 kA   |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )  | 6 kA  |
| Maximum Surge Current   | 0.25 kA   |
| Leakage Current Type  | A   |
| Frequency (f)   | 50 Hz   |
| Rated Frequency (f)   | 50 Hz   |
| Power Loss  | 7.60 W  |
| Power Supply Connection   | Arbitrary   |
| Energy Limiting Class   | 3   |
| Electrical Endurance  | 10000 operations  |
| Mechanical Endurance  | 20000 operations  |
| Number of Protected Poles   | 2   |
| Number of Poles   | 2   |
| Fault Indication  | Blue flag on window   |
| Operating Characteristic  | Instantaneous   |
| Overvoltage Category  | III   |
| Position of Neutral Terminals                                     | Right<br>Left   |
| Tightening Torque   | 4 N·m   |
| Accessory Type  | Auxiliary contact<br>Signal contact / auxiliary contact   |
| Earthing Switch Type  | Undelayed   |
| Mounting Type   | DIN-Rail  |
| Mounting Position   | Any   |
| Accessories Available   | Yes   |
| Number of Batteries   | 0   |
| Cable Size  | 35 mm <sup>2</sup>  |
| Connecting Capacity   | Busbar 10...10 mm <sup>2</sup><br>Flexible 1...25 mm <sup>2</sup><br>Rigid Solid 1...35 mm <sup>2</sup> |
| Rated Cross-Section   | 1 - Solid-Core 1 ... 35 mm <sup>2</sup><br>4 - Multi-Wired 1 ... 25 mm <sup>2</sup>                     |
| Wire Stripping Length   | 11 mm   |

## Material Compliance

|   |  |
|---|--|
| RoHS Information                            | 9AKK108466A5162  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20220211   |
| REACH Declaration                           | 9AKK108466A9708  |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |

|                          |  |
|--------------------------|--|
| <b>Environmental</b>     |  |
| Ambient Air Temperature  | Operation -25 ... 55 °C                                  |
| Degree of Protection     | IP20   |
| Pollution Degree         | 3  |
| Environmental Conditions | 28 cycle<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |

|                                     |          |
|-------------------------------------|----------|
| <b>Dimensions</b>                   |          |
| Width in Number of Modular Spacings | 2        |
| Product Net Width                   | 36 mm    |
| Product Net Height                  | 86 mm    |
| Product Net Depth / Length          | 72 mm    |
| Product Net Weight                  | 0.220 kg |
| Built-In Depth (t <sub>2</sub> )    | 72 mm    |

|                              |             |
|------------------------------|-------------|
| <b>Ordering</b>              |             |
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.245 kg    |

|                                      |                 |
|--------------------------------------|-----------------|
| <b>Certificates and Declarations</b> |                 |
| ABS Certificate                      | 9AKK108467A7630 |
| Declaration of Conformity - CE       | 9AKK108466A5162 |
| IMQ Certificate                      | 9AKK108467A6463 |
| NF Certificate                       | 9AKK108467A7736 |
| VDE Certificate                      | 9AKK108467A7823 |

|                          |                 |
|--------------------------|-----------------|
| <b>Installation</b>      |                 |
| Instructions and Manuals | 9AKK108466A5165 |

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Popular Downloads</b>          |                 |
| Data Sheet, Technical Information | 9AKK108467A1864 |

|                            |  |
|----------------------------|--|
| <b>Classifications</b>     |  |
| ETIM 8                     | EC000905 - Earth leakage circuit breaker                   |
| ETIM 9                     | EC000905 - Earth leakage circuit breaker                   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |
| CN8                        | 85363030   |
| eClass                     | V11.0 : 27142207   |
| Object Classification Code | F  |

| Accessories     |  |                 |          |                 |
|-----------------|--|-----------------|----------|-----------------|
| Identifier      | Description                                | Type            | Quantity | Unit Of Measure |
| 2CDS200931R0001 | G2C-H6-L+R Signal / Auxiliary Contact      | G2C-H6-L+R      | 1        | piece           |
| 2CDS200932R0001 | G2C-S/H6-L+R Signal / Auxiliary Contact    | G2C-S/H6-L+R    | 1        | piece           |
| 2CDS200932R0011 | G2C-S/H6-L+R-KL Signal / Auxiliary Contact | G2C-S/H6-L+R-KL | 1        | piece           |

Categories

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

