

## PRODUCT-DETAILS

# DS202C M C13 A300

## DS202C M C13 A300 - RCBO



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DS202C M C13 A300                                                                                                                                                                                                                                                                                                                                                             |
| Product ID            | 2CSR272140R3134                                                                                                                                                                                                                                                                                                                                                               |
| EAN                   | 8012542120452                                                                                                                                                                                                                                                                                                                                                                 |
| Catalog Description   | DS202C M C13 A300 - RCBO                                                                                                                                                                                                                                                                                                                                                      |
| Long Description      | The DS202C 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 (with sensitivity = 30 mA). |

### Technical

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Standards                 | IEC 61009-1<br>IEC 61009-2-1<br>EN 61009-1<br>EN 61009-2-1 |
| Operating Characteristic  | Instantaneous                                              |
| Type of Residual Current  | A type                                                     |
| Number of Poles           | 2                                                          |
| Number of Protected Poles | 2                                                          |
| Rated Current ( $I_n$ )   | 13 A                                                       |
| Rated Voltage ( $U_r$ )   | 230-240 V AC                                               |

|                                                                    |                                                                                                  |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Rated Insulation Voltage<br>( $U_i$ )                              | 500 V                                                                                            |
| Overvoltage Category                                               | III                                                                                              |
| Pollution Degree                                                   | 2                                                                                                |
| Rated Frequency (f)                                                | 50/60 Hz                                                                                         |
| Rated Short-Circuit<br>Capacity ( $I_{cn}$ )                       | 10 kA                                                                                            |
| Rated Ultimate Short-<br>Circuit Breaking Capacity<br>( $I_{cu}$ ) | 10 kA                                                                                            |
| Tripping Characteristic                                            | C                                                                                                |
| Energy Limiting Class                                              | 3                                                                                                |
| Electrical Endurance                                               | 10000 cycle<br>20000 cycle                                                                       |
| Degree of Protection                                               | IP2X                                                                                             |
| Connecting Capacity                                                | Busbar 10 mm <sup>2</sup><br>Rigid 25 ...25 mm <sup>2</sup><br>Flexible 25 ...25 mm <sup>2</sup> |
| Power Supply Connection                                            | Arbitrary                                                                                        |
| Power Loss                                                         | 3.5 W                                                                                            |

## Environmental

|                         |                                   |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25...55 °C             |
| RoHS Status             | Following EU Directive 2011/65/EU |

## Technical UL/CSA

|                                        |       |
|----------------------------------------|-------|
| Short-Circuit Current<br>Rating (SCCR) | 0.3 A |
|----------------------------------------|-------|

## Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 0.035 m  |
| Product Net Height            | 0.085 m  |
| Product Net Depth /<br>Length | 0.069 m  |
| Product Net Weight            | 0.225 kg |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 0.040 m       |
| Package Level 1 Height            | 0.106 m       |
| Package Level 1 Depth /<br>Length | 0.080 m       |
| Package Level 1 Gross<br>Weight   | 0.239 kg      |
| Package Level 1 EAN               | 8012542120452 |
| Package Level 2 Units             | 5 piece       |

|                                |               |
|--------------------------------|---------------|
| Package Level 2 Width          | 0.200 m       |
| Package Level 2 Height         | 0.106 m       |
| Package Level 2 Depth / Length | 0.080 m       |
| Package Level 2 Gross Weight   | 1.125 kg      |
| Package Level 2 EAN            | 8012542120469 |

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## Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85363010 |

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## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5589 |
| Environmental Information      | 9AKK107680A8583 |
| Instructions and Manuals       | 9AKK106354A0766 |
| RoHS Information               | 2CSC422002K2701 |

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## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CSC400002D0209 |
| Instructions and Manuals          | 9AKK106354A0766 |

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## Classifications

|                            |                                          |
|----------------------------|------------------------------------------|
| Object Classification Code | Q                                        |
| ETIM 4                     | EC000905 - Earth leakage circuit breaker |
| ETIM 5                     | EC000905 - Earth leakage circuit breaker |
| ETIM 6                     | EC000905 - Earth leakage circuit breaker |
| ETIM 7                     | EC000905 - Earth leakage circuit breaker |

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## Categories

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

