

## PRODUCT-DETAILS

# DS202C M B16 APR300

## DS202C M B16 APR300 - RCBO



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DS202C M B16 APR300                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 2CSR272440R3165                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EAN                   | 8012542125259                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Catalog Description   | DS202C M B16 APR300 - RCBO                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Long Description      | <p>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. Provides an optimal trade-off between safety and continuity of service, thanks to the resistance to unwanted trippings.</p> <p>Protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA). Protection and isolation of resistive and inductive loads.</p> |

### Technical

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Standards                          | IEC 61009-1<br>IEC 61009-2-1<br>EN 61009-1<br>EN 61009-2-1 |
| Operating Characteristic           | Instantaneous (APR High Immunity)                          |
| Type of Residual Current           | A type                                                     |
| Number of Poles                    | 2                                                          |
| Number of Protected Poles          | 2                                                          |
| Rated Current ( $I_n$ )            | 16 A                                                       |
| Rated Voltage ( $U_r$ )            | 230-240 V AC                                               |
| Rated Insulation Voltage ( $U_i$ ) | 500 V                                                      |

|                                                             |                                                                                                  |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Overvoltage Category                                        | III                                                                                              |
| Pollution Degree                                            | 2                                                                                                |
| Rated Frequency (f)                                         | 50/60 Hz                                                                                         |
| Rated Short-Circuit Capacity ( $I_{cn}$ )                   | 10 kA                                                                                            |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | 10 kA                                                                                            |
| Tripping Characteristic                                     | B                                                                                                |
| 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                                                  | 5.4 W                                                                                            |

## Environmental

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

## Technical UL/CSA

|                                     |       |
|-------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 0.3 A |
|-------------------------------------|-------|

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 0.035 m  |
| Product Net Height         | 0.085 m  |
| Product Net Depth / 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 / Length | 0.080 m       |
| Package Level 1 Gross Weight   | 0.239 kg      |
| Package Level 1 EAN            | 8012542125259 |
| 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            | 8012542125266 |

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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<br>- CE | 9AKK106713A5589 |
| Environmental Information         | 9AKK107680A8583 |
| Instructions and Manuals          | 9AKK106354A0766 |
| RoHS Information                  | 2CSC422002K2701 |

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## Popular Downloads

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>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

