

## PRODUCT-DETAILS

# DS202 AC-B16/0,03

# DS202 AC-B16/0,03 - RCB<sub>o</sub>



## General Information

|                       |                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DS202 AC-B16/0,03                                                                                                                                                                                                                                                                   |
| Product ID            | 2CSR252001R1165                                                                                                                                                                                                                                                                     |
| EAN                   | 8012542863809                                                                                                                                                                                                                                                                       |
| Catalog Description   | DS202 AC-B16/0,03 - RCB <sub>o</sub>                                                                                                                                                                                                                                                |
| Long Description      | The RCB <sub>o</sub> s DS200 series has the function to protect against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts. |

## Technical

|                           |                                  |
|---------------------------|----------------------------------|
| Standards                 | IEC/EN 60947-2<br>IEC/EN 61009-1 |
| Operating Characteristic  | Instantaneous                    |
| Type of Residual Current  | AC type                          |
| Number of Poles           | 2                                |
| Number of Protected Poles | 2                                |
| Rated Current ( $I_n$ )   | 16 A                             |
| Rated Voltage ( $U_r$ )   | 230 V AC                         |
| Rated Frequency (f)       | 50/60 Hz                         |
| Rated Short-Circuit       | 6 kA                             |

Capacity ( $I_{cn}$ )

|                                                             |                  |
|-------------------------------------------------------------|------------------|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (400 V AC) 10 kA |
|-------------------------------------------------------------|------------------|

|                         |   |
|-------------------------|---|
| Tripping Characteristic | B |
|-------------------------|---|

|                      |             |
|----------------------|-------------|
| Electrical Endurance | 10000 cycle |
|----------------------|-------------|

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| 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 |
|-------------------------|-----------|

|                               |       |
|-------------------------------|-------|
| Position of Neutral Terminals | Right |
|-------------------------------|-------|

|            |       |
|------------|-------|
| Power Loss | 4.5 W |
|------------|-------|

## Environmental

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Ambient Air Temperature | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C |
|-------------------------|----------------------------------------------------|

## Technical UL/CSA

|                                     |       |
|-------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 30 mA |
|-------------------------------------|-------|

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 70 mm    |
| Product Net Height         | 0.093 m  |
| Product Net Depth / Length | 69 mm    |
| Product Net Weight         | 0.440 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 0.105 m       |
| Package Level 1 Height         | 0.08 m        |
| Package Level 1 Depth / Length | 0.08 m        |
| Package Level 1 Gross Weight   | 0.48 kg       |
| Package Level 1 EAN            | 8012542863809 |

## Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85363030 |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 9AKK106713A5607 |
| Environmental Information         | Refer to RoHS   |
| Instructions and Manuals          | 9AKK107045A1451 |
| RoHS Information                  | 2CSC423002K2701 |

Popular Downloads

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 9AKK107046A0424 |
| Instructions and Manuals             | 9AKK107045A1451 |

Classifications

|                            |                                                           |
|----------------------------|-----------------------------------------------------------|
| Object Classification Code | Q                                                         |
| ETIM 4                     | EC002281 - Distributor assembly with combination RCCB/MCB |
| ETIM 5                     | EC002281 - Distributor assembly with combination RCCB/MCB |
| ETIM 6                     | EC002281 - Distributor assembly with combination RCCB/MCB |
| ETIM 7                     | EC002281 - Distributor assembly with combination RCCB/MCB |

Categories

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

