



PRODUCT-DETAILS

# DDA203 AC-40/0.3

## Residual Current Device Block



| General Information   |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DDA203 AC-40/0.3                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 2CSB203001R3400                                                                                                                                                                                                                                                                                                                                         |
| EAN                   | 8012542793205                                                                                                                                                                                                                                                                                                                                           |
| Catalog Description   | Residual Current Device Block                                                                                                                                                                                                                                                                                                                           |
| Long Description      | The RCD block DDA200 series is suitable for assembly with MCBs S200 series and S300P. It assures protection against the effects of sinusoidal alternating earth fault currents, protection, against indirects contacts and additional protection against direct (with sensitivity = 30 mA) contacts. Applications: residential, commercial, industrial. |

| ABB EcoSolutions                                  |                                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| ABB EcoSolutions                                  | Yes                                                                                                 |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 69.47 %                                      |
| ABB Site Meeting Group Waste To Landfill Target   | No non-hazardous waste is sent to a landfill<br>UL 2799 Zero Waste To Landfill Validation available |
| Sustainable Material Content in Packaging (wt. %) | Recycled Cardboard - 85.84 %<br>Recycled Paper - 0 %<br>Recycled Paper - 0 %                        |

|                                         |                    |
|-----------------------------------------|--------------------|
| Extended Product Lifetime               | Product Durability |
| End Of Life Disassembling Instructions  | 9AKK108469A7485    |
| Environmental Product Declaration - EPD | 9AKK108469A8934    |

## Technical

|                                         |                                                                       |
|-----------------------------------------|-----------------------------------------------------------------------|
| Type of Residual Current                | Type AC                                                               |
| Leakage Current Type                    | AC                                                                    |
| Power Supply Connection                 | Arbitrary                                                             |
| Electrical Endurance                    | 10000 cycle                                                           |
| Number of Poles                         | 3P                                                                    |
| Number of Modular Spacings per DIN Rail | 5                                                                     |
| Operating Characteristic                | Instantaneous                                                         |
| Options Provided                        | -                                                                     |
| Connecting Capacity                     | Rigid 16 ... 16 mm <sup>2</sup><br>Flexible 16 ... 16 mm <sup>2</sup> |

## Electrical

|                                                     |               |
|-----------------------------------------------------|---------------|
| Short-Circuit Current Rating (SCCR)                 | 0.3 ... 0.3 A |
| Rated Voltage (U <sub>r</sub> )                     | 230/400 V     |
| Rated Operational Voltage                           | 230/400 V     |
| Rated Insulation Voltage (U <sub>i</sub> )          | 500 V         |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV          |
| Rated Current (I <sub>n</sub> )                     | 40 A          |
| Rated Residual Current                              | 300 mA        |
| Rated Frequency (f)                                 | 50 ... 60 Hz  |
| Power Loss                                          | 4.8 W         |

## Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 9AKK106713A5614                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20070731                                                               |
| REACH Declaration                           | 9AKK108467A9482                                                        |
| REACH Information                           | True - contains substances > 0.1 mass percentage                       |
| REACH Date                                  | 20240429                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| SCIP                                        | 4a80c4eb-dbc8-49b1-84e7-cdddb3a04f3e Italy                             |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B                              | Business To Consumer                                                   |

|                                            |                                                           |
|--------------------------------------------|-----------------------------------------------------------|
| <b>Environmental</b>                       |                                                           |
| Ambient Temperature                        | -25...55 °C                                               |
| Ambient Air Temperature                    | Operation -25...55 °C                                     |
| Degree of Protection                       | IP2X                                                      |
| Resistance to Vibrations                   | 20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz |
| Resistance to Shock acc. to IEC 60068-2-27 | 25g 2 shocks 13 ms                                        |
| Environmental Information                  | Refer to RoHS                                             |

|                            |                 |
|----------------------------|-----------------|
| <b>Dimensions</b>          |                 |
| Product Net Width          | 87 mm           |
| Product Net Height         | 93 mm           |
| Product Net Depth / Length | 76 mm           |
| Product Net Weight         | 158 g           |
| Dimension Diagram          | 9AKK106930A3987 |

|                              |             |
|------------------------------|-------------|
| <b>Ordering</b>              |             |
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.199 kg    |

|                                      |                 |
|--------------------------------------|-----------------|
| <b>Certificates and Declarations</b> |                 |
| Declaration of Conformity - CE       | 9AKK106713A5614 |

|                          |                 |
|--------------------------|-----------------|
| <b>Installation</b>      |                 |
| Instructions and Manuals | 9AKK108467A7091 |

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Popular Downloads</b>          |                 |
| Data Sheet, Technical Information | 9AKK107991A8329 |

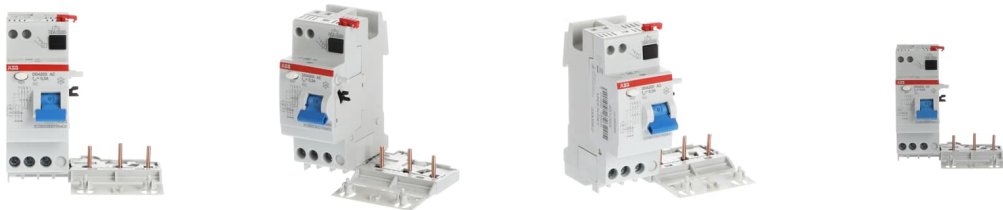
|                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| <b>External Classifications and Standards</b> |                                                           |
| ETIM 9                                        | EC002297 - Residual current circuit breaker (RCCB) module |
| eClass                                        | V11.0 : 27142210                                          |
| Object Classification Code                    | F                                                         |
| Standards                                     | IEC/EN 61009 Ann. G                                       |

---

**Categories**

---

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Devices RCD Blocks



360°

ABB  
**Eco**  
Solutions™