



PRODUCT-DETAILS

# DDA202 A-40/0.1

## Residual Current Device Block



| General Information   |                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DDA202 A-40/0.1                                                                                                                                                                                                                                                                                                                                                              |
| Product ID            | 2CSB202101R2400                                                                                                                                                                                                                                                                                                                                                              |
| EAN                   | 8012542795803                                                                                                                                                                                                                                                                                                                                                                |
| 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 and direct pulsating 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 A                                                                |
| Rated Voltage (U <sub>r</sub> )                     | 230/400 V                                                             |
| Rated Operational Voltage                           | 230 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                              | 100 mA                                                                |
| Leakage Current Type                                | A                                                                     |
| Rated Frequency (f)                                 | 50 ... 60 Hz                                                          |
| Power Loss                                          | 3.2 W                                                                 |
| Power Supply Connection                             | Arbitrary                                                             |
| Electrical Endurance                                | 10000 cycle                                                           |
| Number of Poles                                     | 2P                                                                    |
| Number of Modular Spacings per DIN Rail             | 4                                                                     |
| Operating Characteristic                            | Instantaneous                                                         |
| Connecting Capacity                                 | Rigid 25 ... 25 mm <sup>2</sup><br>Flexible 25 ... 25 mm <sup>2</sup> |

## 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                                                        |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B                              | Business To Consumer                                                   |

## Environmental

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 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. | 25g 2 shocks 13 ms                                        |

to IEC 60068-2-27

Environmental  
Information

Refer to RoHS

Technical UL/CSA

Short-Circuit Current Rating (SCCR)0.1 ... 0.1 A

Dimensions

Product Net Width70 mm  
Product Net Height93 mm  
Product Net Depth / Length76 mm  
Product Net Weight210 g

Ordering

Package Level 1 Unitsbox 1 piece  
Package Level 1 Gross Weight0.245 kg  
E-Number (Norway)1653154

Certificates and Declarations

Declaration of Conformity - CE9AKK106713A5614

Installation

Instructions and Manuals9AKK108467A7091

Popular Downloads

Data Sheet, Technical Information9AKK107991A8329

External Classifications and Standards

ETIM 8EC002297 - Residual current circuit breaker (RCCB) module  
ETIM 9EC002297 - Residual current circuit breaker (RCCB) module  
eClassV11.0 : 27142210  
Object Classification CodeF  
StandardsIEC/EN 61009 Ann. G

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## Categories

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



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