



PRODUCT-DETAILS

# DDA202 A-40/0.5

## DDA202 A-40/0.5 Residual Current Device Block



| General Information   |                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DDA202 A-40/0.5                                                                                                                                                                                                                                                                                                                                                              |
| Product ID            | 2CSB202101R4400                                                                                                                                                                                                                                                                                                                                                              |
| EAN                   | 8012542796404                                                                                                                                                                                                                                                                                                                                                                |
| Catalog Description   | DDA202 A-40/0.5 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. |

| Technical                                  |                     |
|--------------------------------------------|---------------------|
| Standards                                  | IEC/EN 61009 Ann. G |
| 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<br>Withstand Voltage (U <sub>imp</sub> ) | 4 kV                                                                  |
| Rated Current (I <sub>n</sub> )                        | 40 A                                                                  |
| Rated Residual Current                                 | 500 mA                                                                |
| Leakage Current Type                                   | A                                                                     |
| Rated Frequency (f)                                    | 50 ... 60 Hz                                                          |
| Power Loss                                             | 3.2 W                                                                 |
| Power Supply<br>Connection                             | Arbitrary                                                             |
| Electrical Endurance                                   | 10000 cycle                                                           |
| Number of Poles                                        | 2                                                                     |
| 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                                                        |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363                                                        |

## Environmental

|                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| Ambient Temperature                           | -25...55 °C                                               |
| Ambient Air<br>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.<br>to IEC 60068-2-27 | 25g 2 shocks 13 ms                                        |
| Environmental<br>Information                  | Refer to RoHS                                             |

## Technical UL/CSA

|                                        |               |
|----------------------------------------|---------------|
| Short-Circuit Current<br>Rating (SCCR) | 0.5 ... 0.5 A |
|----------------------------------------|---------------|

## Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 70 mm    |
| Product Net Height            | 93 mm    |
| Product Net Depth /<br>Length | 76 mm    |
| Product Net Weight            | 0.210 kg |

## Ordering

|                       |             |
|-----------------------|-------------|
| Package Level 1 Units | box 1 piece |
|-----------------------|-------------|

|                              |          |
|------------------------------|----------|
| Package Level 1 Gross Weight | 0.245 kg |
|------------------------------|----------|

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5614 |
|--------------------------------|-----------------|

Installation

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 9AKK108467A7091 |
|--------------------------|-----------------|

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107991A8329 |
|-----------------------------------|-----------------|

Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 8                     | EC002297 - Residual current circuit breaker (RCCB) module  |
| ETIM 9                     | EC002297 - Residual current circuit breaker (RCCB) module  |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |
| CN8                        | 85363030                                                   |
| eClass                     | V11.0 : 27142210                                           |
| Object Classification Code | F                                                          |

Categories

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

