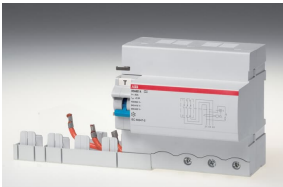




PRODUCT-DETAILS

# DDA803 A S-100/1

## DDA803 A S-100/1 Residual Current Device Block



| General Information   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DDA803 A S-100/1                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product ID            | 2CSB803201R5000                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EAN                   | 8012542547334                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Catalog Description   | DDA803 A S-100/1 Residual Current Device Block                                                                                                                                                                                                                                                                                                                                                                                                |
| Long Description      | The RCD Block DDA800 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications. This product is particularly suitable for protection against earth fault currents with an intentional tripping delay, in order to realize selectivity with downstream instantaneous devices. |

| Technical                       |                                  |
|---------------------------------|----------------------------------|
| Standards                       | IEC EN 60947-2 Ann. B            |
| Type of Residual Current        | Type A                           |
| Suitable For                    | S800S<br>S800N<br>S800C<br>S800B |
| Rated Voltage (U <sub>r</sub> ) | 400 V AC<br>415 V AC<br>690 V AC |
| Rated Operational Voltage       | 400/690 V                        |

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Rated Insulation Voltage (U <sub>i</sub> )          | 690 V                                                               |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 6 kV                                                                |
| Rated Current (I <sub>n</sub> )                     | 100 A                                                               |
| Rated Residual Current                              | 1000 mA                                                             |
| Maximum Surge Current                               | 5 kA                                                                |
| Leakage Current Type                                | A                                                                   |
| Rated Frequency (f)                                 | 50 ... 60 Hz                                                        |
| Power Loss                                          | 10.5 W                                                              |
| Number of Poles                                     | 3                                                                   |
| Operating Characteristic                            | Selective                                                           |
| Connecting Capacity                                 | Rigid 6 ... 50 mm <sup>2</sup><br>Flexible 6 ... 70 mm <sup>2</sup> |

Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 9AKK106713A5616                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20110608                                                               |
| REACH Declaration                           | 9AKK108467A9482                                                        |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |

Environmental

|                           |                           |
|---------------------------|---------------------------|
| Ambient Temperature       | -25...60 °C               |
| Ambient Air Temperature   | Operation -25...60 °C     |
| Degree of Protection      | IP2X                      |
| Environmental Information | refer to RoHS information |

Technical UL/CSA

|                                     |         |
|-------------------------------------|---------|
| Short-Circuit Current Rating (SCCR) | 1...1 A |
|-------------------------------------|---------|

Dimensions

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 6.5      |
| Product Net Width                   | 117 mm   |
| Product Net Height                  | 108.2 mm |
| Product Net Depth / Length          | 82.3 mm  |
| Product Net Weight                  | 0.400 kg |

Ordering

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.5 kg      |

Certificates and Declarations

|                           |                 |
|---------------------------|-----------------|
| Declaration of Conformity | 9AKK106713A5616 |
|---------------------------|-----------------|

- CE

Installation

Instructions and Manuals2CSB427001D0003

Popular Downloads

Data Sheet, Technical Information2CSC400002D0209

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 Business                                       |
| CN8                        | 85363030                                                   |
| eClass                     | V11.0 : 27142210                                           |
| Object Classification Code | F                                                          |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs → High Performance Circuit Breakers HPCBs Accessories

