



PRODUCT-DETAILS

# DDA804 AC-100/0.03

## DDA804 AC-100/0.03 Residual Current Device Block



| General Information   |                                                                                                                                                                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DDA804 AC-100/0.03                                                                                                                                                                                                                                                                                                       |
| Product ID            | 2CSB804001R1100                                                                                                                                                                                                                                                                                                          |
| EAN                   | 8012542994930                                                                                                                                                                                                                                                                                                            |
| Catalog Description   | DDA804 AC-100/0.03 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 suitable for assembly with MCBs S800 series up to 100A. |

| Technical                       |                                              |
|---------------------------------|----------------------------------------------|
| Standards                       | IEC EN 60947-2 Ann. B                        |
| Type of Residual Current        | Type AC                                      |
| Suitable For                    | S800S<br>S800N<br>S800C<br>S800B             |
| Rated Voltage (U <sub>r</sub> ) | 230/400 V AC<br>240/415 V AC<br>400/690 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                              | 30 mA                                                               |
| Maximum Surge Current                               | 0.25 kA                                                             |
| Leakage Current Type                                | AC                                                                  |
| Rated Frequency (f)                                 | 50 ... 60 Hz                                                        |
| Power Loss                                          | 10.5 W                                                              |
| Number of Poles                                     | 4                                                                   |
| Operating Characteristic                            | Instantaneous                                                       |
| Options Provided                                    | -                                                                   |
| 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 | document not needed   |

## Technical UL/CSA

|                                     |                 |
|-------------------------------------|-----------------|
| Short-Circuit Current Rating (SCCR) | 0.03 ... 0.03 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                  | 0.460 kg |

| Ordering                     |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.56 kg     |

| Certificates and Declarations  |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5616 |

| Installation             |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CSB427001D0003 |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CSC400002D0209 |

| 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 |  |

