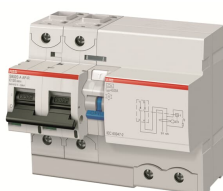


## PRODUCT-DETAILS

# DS802N-B125/0.3A

## DS802N-B125/0.3A Residual Current Circuit Breaker with Overcurrent Protection



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DS802N-B125/0.3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product ID            | 2CCA892005R0845                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| EAN                   | 7612271211844                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Catalog Description   | DS802N-B125/0.3A Residual Current Circuit Breaker with Overcurrent Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Long Description      | <p>The DS800 series residual circuit breaker with overcurrent protection (RCBO) is available as 2P, 3P and 4P device. It is for protection of end user against overload and short-circuit currents. The DS800 range offers several types of protection. Type A (pulse current sensitive residual current protection device), type AC (alternating current sensitive residual current protection device), type AS (pulse current sensitive residual current protection device - selective) and type A-AP-R (pulse current sensitive residual current protection device - short-time delay).</p> |

### Technical

|                                       |                                                              |
|---------------------------------------|--------------------------------------------------------------|
| Standards                             | IEC 60947-2                                                  |
| Product Name                          | Residual Current Circuit Breaker with Overcurrent Protection |
| Tripping Characteristic               | B                                                            |
| Type of Residual Current              | A type                                                       |
| Rated Operational Voltage             | 240/415 V AC                                                 |
| Rated Current ( $I_n$ )               | 125 A                                                        |
| Rated Operational Current ( $I_e$ )   | 125 A                                                        |
| Rated Residual Current                | 300 mA                                                       |
| Rated Ultimate Short-Circuit Breaking | 36 kA                                                        |

|                                                                  |               |
|------------------------------------------------------------------|---------------|
| Capacity (I <sub>cu</sub> )                                      |               |
| Maximum Breaking Capacity                                        | 50 kA         |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ) | 30 kA         |
| Power Loss                                                       | 25.7 W        |
| Number of Poles                                                  | 2             |
| Number of Protected Poles                                        | 2             |
| Number of Earth Leakage Circuit Breakers (ELCBs)                 | 1             |
| Operating Characteristic                                         | Instantaneous |
| Release Type                                                     | B             |
| Options Provided                                                 | None          |
| Accessories Available                                            | Yes           |

## Environmental

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| RoHS Status               | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Environmental Information | N/A                                                             |

## Technical UL/CSA

|                                     |        |
|-------------------------------------|--------|
| Short-Circuit Current Rating (SCCR) | 300 mA |
|-------------------------------------|--------|

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 133.5 mm |
| Product Net Height         | 108.2 mm |
| Product Net Depth / Length | 82.3 mm  |
| Product Net Weight         | 790 g    |
| Product Net Length         | 187 mm   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 107 mm        |
| Package Level 1 Height         | 110 mm        |
| Package Level 1 Depth / Length | 135 mm        |
| Package Level 1 Gross Weight   | 830 g         |
| Package Level 1 EAN            | 7612271211844 |

## Ordering

|                         |                  |
|-------------------------|------------------|
| Minimum Order Quantity  | 1 piece          |
| Customs Tariff Number   | 85362020         |
| Country of Origin       | Switzerland (CH) |
| Selling Unit of Measure | piece            |

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CCC413002D0201 |
| Environmental Information      | N/A             |
| Instructions and Manuals       | 9AKK107045A4601 |
| RoHS Information               | 2CCC413008D0206 |

## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CCC413003C0201 |
| Instructions and Manuals          | 9AKK107045A4601 |

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC002281 - Distributor assembly with combination RCCB/MCB  |
| ETIM 7                     | EC002281 - Distributor assembly with combination RCCB/MCB  |
| ETIM 8                     | EC002281 - Distributor assembly with combination RCCB/MCB  |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Business                                       |
| CN8                        | 85362020                                                   |
| Object Classification Code | F                                                          |

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

