



## Main

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|--|--|
| Range  | TeSys  |
| Product name   | TeSys DF   |
| Product or component type                                | Fuse carrier   |
| Device short name  | DF10   |
| Product compatibility                                    | DF2CA fuse cartridge<br>DF2CN fuse cartridge                                     |
| Poles description  | 3P   |
| Fuse size  | 10 x 38 mm   |
| Fuse type  | , gG<br>, aM   |
| Control type   | Toggle padlockable   |
| Utilisation category                                     | AC-20B conforming to IEC 60947-3<br>DC-20B conforming to IEC 60947-3             |
| [Ue] rated operational voltage                           | 690 V AC<br>690 V DC   |
| [Ie] rated operational current                           | 32 A at 400 V AC   |
| [I <sub>th</sub> ] conventional free air thermal current | 32 A 20 °C   |
| [Ui] rated insulation voltage                            | 690 V AC   |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV   |
| Overvoltage category                                     | III  |
| Short-circuit withstand                                  | 120 KA 400 V conforming to IEC 60947-3<br>120 kA 500 V conforming to IEC 60947-3 |
| Power dissipation in W                                   | 3 W maximum power dissipation by fuse  |

## Complementary

|                         |  |
|-------------------------|--|
| Standards               | EN/IEC 60947-3<br>EN/IEC 60269-2<br>UL 4248-1<br>CSA C22.2 No 4248-1<br>EN 45545-2: R22 HL2  |
| Product certifications  | IEC[RETURN]UL<br>recognized[RETURN]CSA[RETURN]CCC[RETURN]EAC[RETURN]DNV-GL   |
| Mounting support        | 35 mm symmetrical DIN rail   |
| Mounting position       | Vertical (tolerance: +/- 23°)  |
| Connections - terminals | Screw clamp terminals 1 cable(s) 1...16 mm <sup>2</sup> rigid<br>Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> rigid<br>Screw clamp terminals 1 cable(s) 1...16 mm <sup>2</sup> flexible with or without<br>Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> flexible with or without |
| Tightening torque       | 2.2 N.M - with screwdriver PZ2<br>2.2 N.m - with screwdriver flat Ø 5.5 mm   |
| Height                  | 79.5 mm  |
| Width                   | 52.5 mm  |
| Depth                   | 61 mm  |
| Net weight              | 0.126 kg   |
| Quantity per set        | Set of 4   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Ambient air temperature for storage   | -40...70 °C                          |
| Ambient air temperature for operation | -40...70 °C with derating above 20°C |
| Operating altitude                    | 0...2000 m                           |
| IP degree of protection               | IP20                                 |
| Pollution degree                      | 3                                    |
| Fire resistance                       | 960 °C conforming to IEC 60695-2-1   |
| Compatibility code                    | DF10                                 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 5.300 cm  |
| Package 1 Width              | 6.200 cm  |
| Package 1 Length             | 8.000 cm  |
| Package 1 Weight             | 133.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 4         |
| Package 2 Height             | 6.800 cm  |
| Package 2 Width              | 8.500 cm  |
| Package 2 Length             | 22.200 cm |
| Package 2 Weight             | 570.000 g |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 64        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 9.504 kg  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | No need of specific recycling operations <a href="#">Circularity Profile</a>  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|