# Product data sheet

Specifications

## Fuse carrier, TeSys DF, 3P, 32A, 690VAC, fuse size 10x38mm

DF103

**Product availability: Stock - Normally stocked in distribution facility**

**Price*: 30.60 USD**

## Main

| | |
|---|---|
| **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 IEC 60947-3<br>DC-20B IEC 60947-3 |
| **[Ue] Rated Operational Voltage** | 690 V AC<br>690 V DC |
| **[Ie] Rated Operational Current** | 32 A 400 V AC |
| **[Ith] Conventional Free Air Thermal Current** | 32 A 68 °F (20 °C) |
| **[Ui] Rated Insulation Voltage** | 690 V AC |
| **[Uimp] Rated Impulse Withstand Voltage** | 6 kV |
| **Overvoltage Category** | III |
| **Short-Circuit Withstand** | 120 kA 400 V IEC 60947-3<br>120 kA 500 V 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<br>UL Recognized<br>CSA<br>CCC<br>EAC<br>DNV-GL |
| **Mounting Support** | 35 mm symmetrical DIN rail |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

| | |
|---|---|
| **Mounting Position** | Vertical +/- 23°) |
| **Connections - Terminals** | screw clamp terminals 1 0.00…0.02 in² (1…16 mm²)rigid<br>screw clamp terminals 2 0.00…0.01 in² (1…6 mm²)rigid<br>screw clamp terminals 1 0.00…0.02 in² (1…16 mm²)flexible with or without<br>screw clamp terminals 2 0.00…0.01 in² (1…6 mm²)flexible with or without |
| **Tightening Torque** | 19.47 lbf.in (2.2 N.m) PZ2<br>19.47 lbf.in (2.2 N.m) flat Ø 5.5 mm |
| **Height** | 3.13 in (79.5 mm) |
| **Width** | 2.07 in (52.5 mm) |
| **Depth** | 2.40 in (61 mm) |
| **Net Weight** | 0.28 lb(US) (0.126 kg) |
| **Quantity Per Set** | Set of 4 |

## Environment

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|---|---|
| **Ambient Air Temperature For Storage** | -40…158 °F (-40…70 °C) |
| **Ambient Air Temperature For Operation** | -40…158 °F (-40…70 °C) with derating above 20°C |
| **Operating Altitude** | 0...6561.68 ft (0...2000 m) |
| **Ip Degree Of Protection** | IP20 |
| **Pollution Degree** | 3 |
| **Fire Resistance** | 1760 °F (960 °C) IEC 60695-2-1 |
| **Compatibility Code** | DF10 |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10CP121714 |
| **Discount Schedule** | 0CP1 |
| **Gtin** | 3389119407243 |
| **Returnability** | Yes |
| **Country Of Origin** | FR |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 2.09 in (5.300 cm) |
| **Package 1 Width** | 2.44 in (6.200 cm) |
| **Package 1 Length** | 3.15 in (8.000 cm) |
| **Package 1 Weight** | 4.69 oz (133.000 g) |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 4 |
| **Package 2 Height** | 2.68 in (6.800 cm) |
| **Package 2 Width** | 3.35 in (8.500 cm) |
| **Package 2 Length** | 8.74 in (22.200 cm) |
| **Package 2 Weight** | 20.11 oz (570.000 g) |
| **Unit Type Of Package 3** | S03 |

| | |
|---|---|
| **Number Of Units In Package 3** | 64 |
| **Package 3 Height** | 11.81 in (30.000 cm) |
| **Package 3 Width** | 11.81 in (30.000 cm) |
| **Package 3 Length** | 15.75 in (40.000 cm) |
| **Package 3 Weight** | 20.95 lb(US) (9.504 kg) |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

RoHS/REACh

## Well-being performance

| | |
|---|---|
| Reach Free Of Svhc | |
| Toxic Heavy Metal Free | |
| Mercury Free | |
| Rohs Exemption Information | Yes |

## Certifications & Standards

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|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| **Circularity Profile** | No need of specific recycling operations<br>Circularity Profile |
| **California Proposition 65** | WARNING: Cancer - www.P65Warnings.ca.gov |