

# Product data sheet

## Characteristics

# DF103N

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



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 43.40 USD



### Main

|   |  |
|---|--|
| Range                                       | TeSys  |
| Product name                                | TeSys DF   |
| Product or Component Type                   | Fuse carrier   |
| Device short name                           | DF10   |
| Device composition                          | Tubular link locked in Neutral pole                  |
| Product compatibility                       | DF2CA fuse cartridge<br>DF2CN fuse cartridge         |
| Poles description                           | 3P + N   |
| 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                |

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## 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 Recognized[RETURN]CSA[RETURN]CCC[RETURN]EAC[RETURN]DNV-GL  |
| Mounting Support        | 35 mm symmetrical DIN rail   |
| Mounting position       | Vertical +/- 23°)  |
| Connections - terminals | Screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )rigid<br>Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )rigid<br>Screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )flexible with or without<br>screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )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                   | 2.76 In (70 mm)  |
| Depth                   | 2.40 In (61 mm)  |
| Net Weight              | 0.38 Lb(US) (0.171 kg)   |
| Quantity per Set        | Set of 3   |

## Environment

|                                       |   |
|---------------------------------------|---|
| 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              | 3389119407250 |
| Returnability     | No            |
| Country of origin | TN            |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 2.44 In (6.2 cm)  |
| Package 1 Width              | 2.76 In (7 cm)    |
| Package 1 Length             | 3.15 In (8 cm)    |
| Package 1 Weight             | 6.35 Oz (180 g)   |
| Unit Type of Package 2       | BB1               |
| Number of Units in Package 2 | 3                 |
| Package 2 Height             | 2.68 In (6.8 cm)  |
| Package 2 Width              | 3.35 In (8.5 cm)  |
| Package 2 Length             | 8.74 In (22.2 cm) |
| Package 2 Weight             | 20.35 Oz (577 g)  |
| Unit Type of Package 3       | S03               |
| Number of Units in Package 3 | 48                |

|                  |                         |
|------------------|-------------------------|
| Package 3 Height | 11.81 In (30 cm)        |
| Package 3 Width  | 11.81 In (30 cm)        |
| Package 3 Length | 15.75 In (40 cm)        |
| Package 3 Weight | 21.59 Lb(US) (9.791 kg) |

### Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: Cancer - www.P65Warnings.ca.gov   |
| 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 |
|----------|-----------|

|                       |                       |
|-----------------------|-----------------------|
| Product Life Status : | <b>Commercialised</b> |
|-----------------------|-----------------------|