



### 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  | 1P + N   |
| Fuse size  | 10 x 38 mm   |
| Fuse type  | , aM<br>, gG   |
| 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  |
| [I <sub>th</sub> ] conventional free air thermal current | 32 A 68 °F (20 °C)                                   |
| [Ui] rated insulation voltage                            | 690 V AC   |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV   |
| Overtoltage 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   |
| 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)  |
| Maximum Width           | 1.38 in (35 mm)  |
| Depth                   | 2.40 in (61 mm)  |

|                  |                        |
|------------------|------------------------|
| Net Weight       | 0.19 lb(US) (0.087 kg) |
| Quantity per set | Set of 6               |

## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C) with derating above 20°C |
| Operating altitude                    | 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              | 21714 - DF FUSEHOLDERS |
| Discount Schedule     | CP1                    |
| GTIN                  | 00785901722427         |
| Nbr. of units in pkg. | 6                      |
| Package weight(Lbs)   | 0.29 lb(US) (0.13 kg)  |
| Returnability         | No                     |
| Country of origin     | FR                     |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 0.885 dm |
| Package 1 width  | 0.350 dm |
| Package 1 Length | 0.645 dm |

## 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  |
| RoHS exemption information | <a href="#">Yes</a>  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental 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 |
|----------|-----------|