

## Specifications



**Local distributor code: 390423025**    DF103

|                                             |                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------|
| 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                                                                 |
| [Ith] conventional free air thermal current | 32 A 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 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                                            |

|                               |                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------|
| <b>Standards</b>              | 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 |
| <b>Product certifications</b> | IEC<br>UL recognized<br>CSA<br>CCC<br>EAC<br>DNV-GL                                         |

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting support        | 35 mm symmetrical DIN rail                                                                                                                                                                                                                       |
| Mounting position       | Vertical (tolerance: +/- 23°)                                                                                                                                                                                                                    |
| Connections - terminals | Screw clamp terminals 1 cable(s) 1...16 mm²rigid<br>Screw clamp terminals 2 cable(s) 1...6 mm²rigid<br>Screw clamp terminals 1 cable(s) 1...16 mm²flexible with or without<br>Screw clamp terminals 2 cable(s) 1...6 mm²flexible 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                                                                                                                                                                                                                                         |

## 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 Weight             | 133.0 g |
| Package 1 Height             | 5.3 cm  |
| Package 1 width              | 6.2 cm  |
| Package 1 Length             | 8 cm    |
| Unit Type of Package 2       | BB1     |
| Number of Units in Package 2 | 4       |
| Package 2 Weight             | 570.0 g |
| Package 2 Height             | 6.8 cm  |
| Package 2 width              | 8.5 cm  |
| Package 2 Length             | 22.2 cm |
| Unit Type of Package 3       | P06     |
| Number of Units in Package 3 | 512     |
| Package 3 Weight             | 85.3 kg |
| Package 3 Height             | 77 cm   |
| Package 3 width              | 60 cm   |
| Package 3 Length             | 80 cm   |

## Offer Sustainability

|                          |                       |
|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
|--------------------------|-----------------------|

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation            | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC          | Yes                                                                                                                         |
| EU RoHS Directive           | Compliant<br><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><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| 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 |
| <b>Contractual warranty</b> |                                                                                                                             |
| Warranty                    | 18 months                                                                                                                   |