



## 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                      | 2P                                                                   |
| Fuse size                              | 10 x 38 mm                                                           |
| Fuse type                              | , aM<br>, gG                                                         |
| 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                                                                 |
| [Ui] rated insulation voltage          | 1000 V AC                                                            |
| [Uimp] rated impulse withstand voltage | 6 kV                                                                 |
| Overvoltage category                   | III                                                                  |
| Short-circuit withstand                | 120 kA 400 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<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 N.m - with screwdriver PZ2<br>2 N.m - with screwdriver flat Ø 5.5 mm                                                                                                                                                                           |
| Height                  | 79.5 mm                                                                                                                                                                                                                                          |
| Width                   | 35 mm                                                                                                                                                                                                                                            |
| Depth                   | 61 mm                                                                                                                                                                                                                                            |
| Product weight          | 0.085 kg                                                                                                                                                                                                                                         |
| Quantity per set        | Set of 6                                                                                                                                                                                                                                         |

## 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 without derating          |
| IP degree of protection               | IP20                                 |
| Pollution degree                      | 3                                    |
| Fire resistance                       | 960 °C conforming to IEC 60695-2-1   |
| Compatibility code                    | DF10                                 |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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>                                                                                      |
| 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 |
|----------|-----------|