

# Product datasheet

Specifications



## Fuse carrier TeSys DF, 1P 50A, fuse size 14x51 mm

Local distributor code: 393394151    DF141

### Main

|                                        |                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Range                                  | TeSys                                                                                                                     |
| Product name                           | TeSys DF                                                                                                                  |
| Product or component type              | Fuse carrier                                                                                                              |
| Device short name                      | DF14                                                                                                                      |
| Product compatibility                  | DF2EA fuse cartridge<br>DF2EN fuse cartridge                                                                              |
| Poles description                      | 1P                                                                                                                        |
| Fuse size                              | 14 x 51 mm                                                                                                                |
| Fuse type                              | , gG<br>, aM                                                                                                              |
| Control type                           | Toggle                                                                                                                    |
| [Ue] rated operational voltage         | 690 V AC<br>690 V DC                                                                                                      |
| [Ie] rated operational current         | 50 A                                                                                                                      |
| [Ui] rated insulation voltage          | 690 V AC                                                                                                                  |
| [Uimp] rated impulse withstand voltage | 8 kV                                                                                                                      |
| [Ipk] rated peak withstand current     | 15 kA with tubular links conforming to IEC 60269-1                                                                        |
| Short-circuit withstand                | 120 kA 400 V conforming to IEC 60947-3<br>120 kA 500 V conforming to IEC 60947-3<br>80 kA 690 V conforming to IEC 60947-3 |

### Complementary

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards               | EN/IEC 60947-3<br>EN/IEC 60269-2<br>UL 4248-1<br>CSA C22.2 No 4248-1                                                                                                                                                                                       |
| Product certifications  | IEC<br>UL recognized<br>CSA<br>EAC                                                                                                                                                                                                                         |
| Mounting support        | 35 mm symmetrical DIN rail                                                                                                                                                                                                                                 |
| Mounting position       | Vertical (tolerance: +/- 23°)                                                                                                                                                                                                                              |
| Connections - terminals | Screw clamp terminals 1 cable(s) 2.5...25 mm²rigid<br>Screw clamp terminals 2 cable(s) 2.5...10 mm²rigid<br>Screw clamp terminals 1 cable(s) 2.5...25 mm²flexible with or without<br>Screw clamp terminals 2 cable(s) 2.5...10 mm²flexible with or without |

|                   |          |
|-------------------|----------|
| Tightening torque | 3.5 N.m  |
| Height            | 110.8 mm |
| Width             | 26.5 mm  |
| Depth             | 76.5 mm  |
| Net weight        | 0.140 kg |
| Quantity per set  | Set of 6 |

### Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Ambient air temperature for storage   | -40...80 °C                          |
| Ambient air temperature for operation | -20...60 °C with derating above 20°C |
| IP degree of protection               | IP20 conforming to IEC 60529         |
| Protective treatment                  | TH                                   |
| Fire resistance                       | 960 °C conforming to IEC 60695-2-1   |
| Compatibility code                    | DF14                                 |

### Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 117.0 g   |
| Package 1 Height             | 11.1 cm   |
| Package 1 width              | 2.65 cm   |
| Package 1 Length             | 7.7 cm    |
| Unit Type of Package 2       | P06       |
| Number of Units in Package 2 | 576       |
| Package 2 Weight             | 87.836 kg |
| Package 2 Height             | 77 cm     |
| Package 2 width              | 60 cm     |
| Package 2 Length             | 80 cm     |
| Unit Type of Package 3       | BB1       |
| Number of Units in Package 3 | 6         |
| Package 3 Weight             | 767.0 g   |
| Package 3 Height             | 7.9 cm    |
| Package 3 width              | 11.3 cm   |
| Package 3 Length             | 16.4 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  | Yes                                                                                                                         |
| 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                                                                                                                   |