

# Product data sheet

Specifications



## Fuse carrier, TeSys DF, 1P, 50A, 690VAC, fuse size 14x51mm, blown fuse indicator

DF141V

### 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                              | , aM<br>, gG  |
| Control type                           | Toggle  |
| Local signalling                       | Blown fuse indication   |
| [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 mm <sup>2</sup> rigid<br>Screw clamp terminals 2 cable(s) 2.5...10 mm <sup>2</sup> rigid<br>Screw clamp terminals 1 cable(s) 2.5...25 mm <sup>2</sup> flexible with or without |

Screw clamp terminals 2 cable(s) 2.5...10 mm<sup>2</sup>flexible with or without

|                          |          |
|--------------------------|----------|
| <b>Tightening torque</b> | 3.5 N.m  |
| <b>Height</b>            | 110.8 mm |
| <b>Width</b>             | 26.5 mm  |
| <b>Depth</b>             | 76.5 mm  |
| <b>Product weight</b>    | 0.143 kg |
| <b>Quantity per set</b>  | Set of 6 |

## Environment

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

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 11.100 cm |
| <b>Package 1 Width</b>              | 2.650 cm  |
| <b>Package 1 Length</b>             | 7.700 cm  |
| <b>Package 1 Weight</b>             | 118.000 g |
| <b>Unit Type of Package 2</b>       | BB1       |
| <b>Number of Units in Package 2</b> | 6         |
| <b>Package 2 Height</b>             | 16.400 cm |
| <b>Package 2 Width</b>              | 11.300 cm |
| <b>Package 2 Length</b>             | 7.900 cm  |
| <b>Package 2 Weight</b>             | 774.000 g |
| <b>Unit Type of Package 3</b>       | S03       |
| <b>Number of Units in Package 3</b> | 72        |
| <b>Package 3 Height</b>             | 30.000 cm |
| <b>Package 3 Width</b>              | 30.000 cm |
| <b>Package 3 Length</b>             | 40.000 cm |
| <b>Package 3 Weight</b>             | 9.655 kg  |

## Offer Sustainability

|                                 |  |
|---------------------------------|--|
| <b>Sustainable offer status</b> | Green Premium product                            |
| <b>REACH Regulation</b>         | <a href="#">REACH Declaration</a>                |
| <b>REACH free of SVHC</b>       | Yes  |
| <b>EU RoHS Directive</b>        | Compliant<br><a href="#">EU RoHS Declaration</a> |
| <b>Toxic heavy metal free</b>   | Yes  |

|                                   |   |
|-----------------------------------|---|
| <b>Mercury free</b>               | Yes   |
| <b>China RoHS Regulation</b>      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| <b>RoHS exemption information</b> | Yes   |
| <b>Environmental Disclosure</b>   | <a href="#">Product Environmental Profile</a>   |
| <b>WEEE</b>                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| <b>California proposition 65</b>  | WARNING: Cancer - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>  |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

## Recommended replacement(s)