

# Product datasheet

Specifications



## Fuse carrier, TeSys DF, 1P, 125A, 690VAC, fuse size 22x58mm

DF221

### Main

|                                        |                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Range                                  | TeSys                                                                                                                     |
| Product name                           | TeSys DF                                                                                                                  |
| Product or component type              | Fuse carrier                                                                                                              |
| Device short name                      | DF22                                                                                                                      |
| Product compatibility                  | DF2FA fuse cartridge<br>DF2FN fuse cartridge                                                                              |
| Poles description                      | 1P                                                                                                                        |
| Fuse size                              | 22 x 58 mm                                                                                                                |
| Fuse type                              | 0...100 A, gG<br>0...125 A, aM                                                                                            |
| Control type                           | Toggle                                                                                                                    |
| [Ue] rated operational voltage         | 690 V AC<br>690 V DC                                                                                                      |
| [Ie] rated operational current         | 125 A                                                                                                                     |
| [Ui] rated insulation voltage          | 690 V AC                                                                                                                  |
| [Uimp] rated impulse withstand voltage | 8 kV                                                                                                                      |
| [Ipk] rated peak withstand current     | 19 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...35 mm²rigid<br>Screw clamp terminals 2 cable(s) 2.5...25 mm²rigid<br>Screw clamp terminals 1 cable(s) 2.5...35 mm²flexible with or without<br>Screw clamp terminals 2 cable(s) 2.5...25 mm²flexible with or without |
| Tightening torque       | 4 N.m                                                                                                                                                                                                                                                      |
| Height                  | 127.5 mm                                                                                                                                                                                                                                                   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                  |          |
|------------------|----------|
| Width            | 35 mm    |
| Depth            | 76.5 mm  |
| Net weight       | 0.218 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                    | DF22                                 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 12.750 cm |
| Package 1 Width              | 3.500 cm  |
| Package 1 Length             | 7.700 cm  |
| Package 1 Weight             | 182.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 8.100 cm  |
| Package 2 Width              | 13.500 cm |
| Package 2 Length             | 22.800 cm |
| Package 2 Weight             | 1.239 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 11.098 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint | 3                                             |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                   |
|----------------------------------------|-----------------------------------|
| Packaging made with recycled cardboard | Yes                               |
| Packaging without single use plastic   | Yes                               |
| <a href="#">EU RoHS Directive</a>      | Compliant                         |
| REACH Regulation                       | <a href="#">REACH Declaration</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | No need of specific recycling operations                                                                                                                                                                        |
| Take-back                       | No                                                                                                                                                                                                              |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Technical Illustration

Assembly's dimensions

