

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 DF2EN fuse cartridge |
| Poles description | 1P |
| Fuse size | 14 x 51 mm |
| Fuse type | 0...50 A, aM 0...50 A, gG |
| Control type | Toggle |
| Local signalling | Blown fuse indication |
| [Ue] rated operational voltage | 690 V AC 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 60947-3 120 kA 500 V conforming to IEC 60947-3 80 kA 690 V conforming to IEC 60947-3 |

Complementary

| | |
|-------------------------|--|
| Standards | EN/IEC 60947-3 EN/IEC 60269-2 UL 4248-1 CSA C22.2 No 4248-1 |
| Product certifications | IEC UL recognized CSA 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 ² rigid Screw clamp terminals 2 cable(s) 2.5...10 mm ² rigid Screw clamp terminals 1 cable(s) 2.5...25 mm ² flexible with or without Screw clamp terminals 2 cable(s) 2.5...10 mm ² flexible with or without |
| Tightening torque | 3.5 N.m |

| | |
|------------------|----------|
| Height | 110.8 mm |
| Width | 26.5 mm |
| Depth | 76.5 mm |
| Product weight | 0.143 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 Height | 11.100 cm |
| Package 1 Width | 2.650 cm |
| Package 1 Length | 7.700 cm |
| Package 1 Weight | 118.000 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 16.400 cm |
| Package 2 Width | 11.300 cm |
| Package 2 Length | 7.900 cm |
| Package 2 Weight | 774.000 g |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 72 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 9.655 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|



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 2

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

California proposition 65 WARNING: Cancer - www.P65Warnings.ca.gov

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