

# Product data sheet

Specifications



## Fuse carrier, TeSys DF, 2P, 50A, 690VAC, fuse size 14x51mm, blown fuse indicator

DF142V

### 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	2P
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 <sup>2</sup> rigid Screw clamp terminals 2 cable(s) 2.5...10 mm <sup>2</sup> rigid 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
Tightening torque	3.5 N.m

<b>Height</b>	110.8 mm
<b>Width</b>	52.5 mm
<b>Depth</b>	76.5 mm
<b>Net weight</b>	0.283 kg
<b>Quantity per set</b>	Set of 3

## 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>	11.1 cm
<b>Package 1 Width</b>	5.3 cm
<b>Package 1 Length</b>	7.7 cm
<b>Package 1 Weight</b>	238 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	9 cm
<b>Package 2 Width</b>	12 cm
<b>Package 2 Length</b>	18.2 cm
<b>Package 2 Weight</b>	775 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	24
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	6.644 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## 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	4
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	WARNING: Cancer - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### 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