

# Product data sheet

Specifications



## Fuse carrier, TeSys DF, 3P, 50A, 690VAC, fuse size 14x51mm, blown fuse indicator

DF143VC

### Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF14
Product compatibility	DF3EA fuse cartridge striker DF3EN fuse cartridge striker DF14AM auxiliary contact block
Poles description	3P
Fuse size	14 x 51 mm
Fuse type	, gG , aM
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

<b>Tightening torque</b>	3.5 N.m
<b>Height</b>	110.8 mm
<b>Width</b>	79 mm
<b>Depth</b>	76.5 mm
<b>Product weight</b>	0.423 kg
<b>Quantity per set</b>	Set of 2

## 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>	7.7 cm
<b>Package 1 Width</b>	7.95 cm
<b>Package 1 Length</b>	11.1 cm
<b>Package 1 Weight</b>	360.0 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	2
<b>Package 2 Height</b>	8.5 cm
<b>Package 2 Width</b>	12.2 cm
<b>Package 2 Length</b>	18.2 cm
<b>Package 2 Weight</b>	781.0 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	24
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	9.835 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 <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> 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
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## Recommended replacement(s)