

# Product data sheet

## Characteristics

# DF142

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



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 51.00 USD



## 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	, gG , aM
Control type	Toggle
[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 IEC 60269-1
Short-circuit withstand	120 KA 400 V IEC 60947-3 120 KA 500 V IEC 60947-3 80 KA 690 V 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[RETURN]JUL Recognized[RETURN]CSA[RETURN]EAC
Mounting Support	35 mm symmetrical DIN rail
Mounting position	Vertical +/- 23°)
Connections - terminals	Screw clamp terminals 1 0.004...0.04 in <sup>2</sup> (2.5...25 mm <sup>2</sup> )rigid Screw clamp terminals 2 0.004...0.02 in <sup>2</sup> (2.5...10 mm <sup>2</sup> )rigid Screw clamp terminals 1 0.004...0.04 in <sup>2</sup> (2.5...25 mm <sup>2</sup> )flexible with or without screw clamp terminals 2 0.004...0.02 in <sup>2</sup> (2.5...10 mm <sup>2</sup> )flexible with or without
Tightening torque	31.0 Lbf.In (3.5 N.m)
Height	4.4 In (110.8 mm)
Width	2.07 In (52.5 mm)
Depth	3.01 In (76.5 mm)
Net Weight	0.617 Lb(US) (0.280 kg)
Quantity per Set	Set of 3

## Environment

Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Ambient air temperature for operation	-4...140 °F (-20...60 °C) with derating above 20°C
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH
Fire resistance	1760 °F (960 °C) IEC 60695-2-1
Compatibility code	DF14

## Ordering and shipping details

Category	US10CP121714
Discount Schedule	0CP1
GTIN	3389119407403
Returnability	No
Country of origin	TN

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.09 In (5.3 cm)
Package 1 Width	3.03 In (7.7 cm)
Package 1 Length	4.4 In (11.1 cm)
Package 1 Weight	8.4 Oz (237.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	6.5 In (16.4 cm)
Package 2 Width	4.4 In (11.3 cm)
Package 2 Length	3.1 In (7.9 cm)
Package 2 Weight	27.02 Oz (766.0 g)
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	11.8 In (30.0 cm)
Package 3 Width	11.8 In (30.0 cm)
Package 3 Length	15.7 In (40.0 cm)
Package 3 Weight	21.354 Lb(US) (9.686 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations <a href="#">Circularity Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**