

Product data sheet

Specifications



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

DF143NVC

 **Discontinued on:** May 5, 2023

 **Discontinued**

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

Main

Range	TeSys
Product name	TeSys DF
Product or Component Type	Fuse carrier
Device short name	DF14
Device composition	tubular link locked in Neutral pole
Product compatibility	DF3EA fuse cartridge striker DF3EN fuse cartridge striker DF14AM auxiliary contact block
Poles description	3P + N
Fuse size	14 x 51 mm
Fuse type	0...50 A, gG 0...50 A, 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 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 UL Recognized CSA EAC
Mounting Support	35 mm symmetrical DIN rail
Mounting position	Vertical +/- 23°)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Connections - terminals	screw clamp terminals 1 0.004...0.04 in² (2.5...25 mm²)rigid screw clamp terminals 2 0.004...0.02 in² (2.5...10 mm²)rigid screw clamp terminals 1 0.004...0.04 in² (2.5...25 mm²)flexible with or without screw clamp terminals 2 0.004...0.02 in² (2.5...10 mm²)flexible with or without
Tightening torque	31.0 lbf.in (3.5 N.m)
Height	4.4 in (110.8 mm)
Width	4.1 in (105 mm)
Depth	3.01 in (76.5 mm)
Product Weight	1.263 lb(US) (0.573 kg)
Quantity per Set	Set of 1

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	3389119407472
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.543 in (9.000 cm)
Package 1 Width	4.449 in (11.300 cm)
Package 1 Length	7.283 in (18.500 cm)
Package weight(Lbs)	19.330 oz (548.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	15.459 lb(US) (7.012 kg)

Contractual warranty

Warranty (in months)	18
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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	10 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	4 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Circularity Profile	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.