Product data sheet

Specifications



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

DF143C

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
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	0…50 A, aM 0…50 A, gG
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 UL Recognized CSA EAC
Mounting Support	35 mm symmetrical DIN rail
Mounting position	Vertical +/- 23°)
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)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	3.1 in (79 mm)
Depth	3.01 in (76.5 mm)
Product Weight	0.926 lb(US) (0.420 kg)
Quantity per Set	Set of 2

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	3389119407410
Returnability	Yes
Country of origin	TN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.370 in (11.100 cm)
Package 1 Width	3.130 in (7.950 cm)
Package 1 Length	3.031 in (7.700 cm)
Package weight(Lbs)	12.593 oz (357.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Height	3.346 in (8.500 cm)
Package 2 Width	4.803 in (12.200 cm)
Package 2 Length	7.165 in (18.200 cm)
Package 2 Weight	29.242 oz (829.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	22.935 lb(US) (10.403 kg)

Contractual warranty

Warranty (in months)	18

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	**6 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**4 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**3 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 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**

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.**

Technical Illustration

Assembly's dimensions

