

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: DF143NC
Manufacturer: Schneider Electric
Package: Box
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/schneider-electric/df143nc.html>

Request a Quote:

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Contact Information

Email: info@antrexco.com

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

DF143NC

Fuse carrier, TeSys DF, 3P+N, 50A, 690VAC,
fuse size 14x51mm, with tubular link

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

Price*: 145.59 USD



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, 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[RETURN]UL 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 ² (2.5...25 mm ²)rigid Screw clamp terminals 2 0.004...0.02 in ² (2.5...10 mm ²)rigid Screw clamp terminals 1 0.004...0.04 in ² (2.5...25 mm ²)flexible with or without screw clamp terminals 2 0.004...0.02 in ² (2.5...10 mm ²)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)
Net Weight	1.257 Lb(US) (0.570 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	US1CTR121254
Discount Schedule	CTR1
GTIN	3389119407427
Returnability	No
Country of origin	TN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.189 In (8.100 cm)
Package 1 Width	4.724 In (12.000 cm)
Package 1 Length	6.811 In (17.300 cm)
Package weight(Lbs)	21.270 Oz (603.000 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	16.920 Lb(US) (7.675 kg)

Environmental data

Total lifecycle Carbon footprint	10 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	5.808458333333333
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1917020833333333
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.001538208333333333
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3.7
RECh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	4 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.05555916666666666
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint (kg CO2 eq, Total Life cycle)	10
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
RECh Regulation	Free of Substances of Very High Concern above the threshold Product Environmental Profile
EU RoHS Directive	Compliant Product Environmental Profile
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide.
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 management.

Contractual warranty

Warranty (in months)	18
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Product Life Status :	Commercialised
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