

# Product data sheet

## Characteristics

# DF81N

Fuse carrier, TeSys DF, 1P+N, 25A, 400VAC, fuse size 8.5x31.5mm, with tubular link



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

Price\*: 34.50 USD



## Commercial status

This Product is Obsolete : DEC 31, 2023

This Product is Obsolete

## Main

Range	TeSys
Product name	TeSys DF
Product or Component Type	Fuse carrier
Device short name	DF8
Device composition	Tubular link locked in Neutral pole
Product compatibility	DF2BA fuse cartridge DF2BN fuse cartridge
Poles description	1P + N
Fuse size	8.3 x 31.5 mm
Fuse type	, gG , aM
Control type	Toggle padlockable
Utilisation category	AC-20B IEC 60947-3
[Ue] rated operational voltage	400 V AC
[Ie] rated operational current	25 A 400 V AC
[I <sub>th</sub> ] conventional free air thermal current	25 A 68 °F (20 °C)
[Ui] rated insulation voltage	500 V AC
[U <sub>imp</sub> ] rated impulse withstand voltage	6 KV
Overvoltage category	III
Short-circuit withstand	20 KA 400 V IEC 60947-3
Power dissipation in W	2.5 W maximum power dissipation by fuse

## Complementary

Standards	EN/IEC 60947-3 EN/IEC 60269-2
Product certifications	IEC[RETURN]EAC[RETURN]DNV-GL
Mounting Support	35 mm symmetrical DIN rail
Mounting position	Vertical +/- 23°)
Connections - terminals	Screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )rigid Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )rigid Screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )flexible with or without screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )flexible with or without
Tightening torque	19.47 Lbf.In (2.2 N.m) PZ2 19.47 Lbf.In (2.2 N.m) flat Ø 5.5 mm
Height	3.13 In (79.5 mm)
Width	1.38 In (35 mm)
Depth	2.40 In (61 mm)
Net Weight	0.19 Lb(US) (0.087 kg)
Quantity per Set	Set of 6

## Environment

Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C) with derating above 20°C
Operating altitude	0...6561.68 ft (0...2000 m) without derating
IP degree of protection	IP20
Pollution degree	3
Fire resistance	1760 °F (960 °C) IEC 60695-2-1
Compatibility code	DF8

## Ordering and shipping details

Category	US10CP121714
Discount Schedule	OCP1
GTIN	3389119407113
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.48 In (6.3 cm)
Package 1 Width	1.38 In (3.5 cm)
Package 1 Length	3.15 In (8 cm)
Package 1 Weight	3.21 Oz (91 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	2.68 In (6.8 cm)
Package 2 Width	3.35 In (8.5 cm)
Package 2 Length	8.74 In (22.2 cm)
Package 2 Weight	20.67 Oz (586 g)
Unit Type of Package 3	S03
Number of Units in Package 3	96
Package 3 Height	11.81 In (30 cm)
Package 3 Width	11.81 In (30 cm)

Package 3 Length	15.75 In (40 cm)
Package 3 Weight	21.90 Lb(US) (9.934 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
----------	-----------

Product Life Status : **End of commerc. announced**

### DF81N may be replaced by any of the following products:



DF82

Fuse carrier, TeSys DF, 2P, 25A, 400VAC, fuse size 8.5x31.5mm

Qty 1

Substitution date: |