Product data sheet

Specifications



Fuse carrier TeSys DF, 3P+N 25A, fuse size 8.5x31.5 mm

DF83N

Product availability : Stock - Normally stocked in distribution facility

Price* : 43.40 USD

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	3P + N
Fuse size	8.3 x 31.5 mm
Fuse type	, aM , gG
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
[Ith] conventional free air thermal current	25 A 68 °F (20 °C)
[Ui] rated insulation voltage	500 V AC
[Uimp] 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 EAC DNV-GL
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.

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

Connections - terminals	screw clamp terminals 1 0.00…0.02 in² (1…16 mm²)rigid screw clamp terminals 2 0.00…0.01 in² (1…6 mm²)rigid screw clamp terminals 1 0.00…0.02 in² (1…16 mm²)flexible with or without screw clamp terminals 2 0.00…0.01 in² (1…6 mm²)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	2.76 in (70 mm)
Depth	2.40 in (61 mm)
Net Weight	0.38 lb(US) (0.171 kg)
Quantity per Set	Set of 3

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	21714-DF FUSEHOLDERS
Discount Schedule	CP1
GTIN	3389119407144
Nbr. of units in pkg.	1
Package weight(Lbs)	6.35 oz (180.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.15 in (8 cm)
Package 1 width	2.44 in (6.2 cm)
Package 1 Length	2.76 in (7 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Weight	11.31 lb(US) (5.129 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Unit Type of Package 3	BB1
Number of Units in Package 3	3
Package 3 Weight	20.32 oz (576.0 g)
Package 3 Height	2.68 in (6.8 cm)

Package 3 width	3.35 in (8.5 cm)
Package 3 Length	8.74 in (22.2 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
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