Product data sheet

Specifications

Fuse carrier, TeSys DF, 1P, 25A, 400VAC, fuse size 8.5x31.5mm

DF81

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

Price*: 10.20 USD

Main

Range	TeSys
Product Name	TeSys DF
Product Or Component Type	Fuse carrier
Device Short Name	DF8
Product Compatibility	DF2BA fuse cartridge DF2BN fuse cartridge
Poles Description	1P
Fuse Size	8.5 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
[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°)
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

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

Height	3.13 in (79.5 mm)
Width	0.69 in (17.5 mm)
Depth	2.40 in (61 mm)
Net Weight	0.09 lb(US) (0.042 kg)
Quantity Per Set	Set of 12

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	0CP1
Gtin	3389119407106
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	0.71 in (1.8 cm)
Package 1 Width	2.44 in (6.2 cm)
Package 1 Length	3.15 in (8 cm)
Package 1 Weight	1.55 oz (44 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
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	19.89 oz (564 g)
Unit Type Of Package 3	S03
Number Of Units In Package 3	192
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	21.17 lb(US) (9.602 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
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.
Circularity Profile	No need of specific recycling operations Circularity Profile
California Proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov