Product datasheet

Specifications

Green Premium™

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

DF81

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 conforming to IEC 60947-3
[Ue] Rated Operational Voltage	400 V AC
[Ie] Rated Operational Current	25 A at 400 V AC
[Ith] Conventional Free Air Thermal Current	25 A 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 conforming to 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 (tolerance: +/- 23°)
Connections - Terminals	Screw clamp terminals 1 cable(s) 1…16 mm²rigid Screw clamp terminals 2 cable(s) 1…6 mm²rigid Screw clamp terminals 1 cable(s) 1…16 mm²flexible with or without Screw clamp terminals 2 cable(s) 1…6 mm²flexible with or without
Tightening Torque	2.2 N.m - with screwdriver PZ2 2.2 N.m - with screwdriver flat Ø 5.5 mm

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	79.5 mm
Width	17.5 mm
Depth	61 mm
Net Weight	0.042 kg
Quantity Per Set	Set of 12

Environment

Ambient Air Temperature For Storage	-40…70 °C
Ambient Air Temperature For Operation	-40…70 °C with derating above 20°C
Operating Altitude	0...2000 m without derating
Ip Degree Of Protection	IP20
Pollution Degree	3
Fire Resistance	960 °C conforming to IEC 60695-2-1
Compatibility Code	DF8

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.8 cm
Package 1 Width	6.2 cm
Package 1 Length	8 cm
Package 1 Weight	44 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	6.8 cm
Package 2 Width	8.5 cm
Package 2 Length	22.2 cm
Package 2 Weight	564 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	192
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	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