

Product data sheet

Specifications



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	0...25 A, gG 0...25 A, 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
[Uiimp] 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 mm ² rigid Screw clamp terminals 2 cable(s) 1...6 mm ² rigid Screw clamp terminals 1 cable(s) 1...16 mm ² flexible with or without Screw clamp terminals 2 cable(s) 1...6 mm ² flexible with or without
Tightening torque	2.2 N.m - with screwdriver PZ2 2.2 N.m - with screwdriver flat Ø 5.5 mm

Height	79.5 mm
Width	17.5 mm
Depth	61 mm
Product 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	8.000 cm
Package 1 Width	1.800 cm
Package 1 Length	6.200 cm
Package 1 Weight	44.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	6.500 cm
Package 2 Width	8.500 cm
Package 2 Length	22.000 cm
Package 2 Weight	562.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	192
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	9.495 kg

Contractual warranty

Warranty	18 months
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 1

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

California proposition 65 WARNING: Cancer - www.P65Warnings.ca.gov

Use Again

Repack and remanufacture

End of life manual availability 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 never end up in rubbish bins

Technical Illustration

Assembly's dimensions

