

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

DF82

## 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	2P	
Fuse size	8.3 x 31.5 mm	
Fuse type	025 A, gG 025 A, aM	
Control type	Toggle padlockable	
Utilisation category	AC-20B conforming to IEC 60947-3	
[Ue] rated operational voltage	400 V AC	
[le] 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) 116 mm²rigid Screw clamp terminals 2 cable(s) 16 mm²rigid Screw clamp terminals 1 cable(s) 116 mm²flexible with or without Screw clamp terminals 2 cable(s) 16 mm²flexible 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	35 mm
Depth	61 mm
Product weight	0.085 kg
Quantity per set	Set of 6

# **Environment**

Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-4070 °C with derating above 20°C	
Operating altitude	02000 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	3.500 cm
Package 1 Length	6.100 cm
Package 1 Weight	88.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	7.000 cm
Package 2 Width	8.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	563.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	96
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	9.449 kg

# **Contractual warranty**

Warranty 18 months



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	3
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

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

