# **Product datasheet**





# Fuse carrier TeSys DF, 1P+N 25A, fuse size 8.5x32 mm

Local distributor code: 393393987

DF81N

! Discontinued on: 15 Feb 2024

! To be end-of-service on: 15 Feb 2025

! Discontinued

EAN Code: 3389119407113

#### Main

Range	TeSys	
Product name	TeSys DF	
Product or component type	Fuse carrier	
Device short name	DF8	
Device composition	tubular link for locked in Neutral pole	
Product compatibility	DF2BA fuse cartridge DF2BN fuse cartridge	
poles description	1P + N	
Fuse size	8.3 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	
[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	tage 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

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Standards	EN/IEC 60947-3 EN/IEC 60269-2	
Product certifications	IEC EAC DNV-GL	
mounting support	35 mm symmetrical DIN rail	
Mounting position	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	

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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	0.087 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	mpatibility code DF8	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.3 cm
Package 1 Width	3.5 cm
Package 1 Length	8 cm
Package 1 Weight	91 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	6.8 cm
Package 2 Width	8.5 cm
Package 2 Length	22.2 cm
Package 2 Weight	586 g
Unit Type of Package 3	S03
Number of Units in Package 3	96
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.934 kg

## **Contractual warranty**

Warranty 18 months



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### Well-being performance

<b>Ø</b>	Reach Free Of Svhc	
<b>⊘</b>	Toxic Heavy Metal Free	
<b>Ø</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

#### **Certifications & Standards**

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