

Product datasheet

Specifications



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

DF81NV

⚠ Discontinued on: 13 Mar 2024

⚠ Discontinued

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	, aM , gG
Control type	Toggle padlockable
Local signalling	Blown fuse indication
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°)

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

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
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	-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	6.3 cm
Package 1 Width	3.5 cm
Package 1 Length	8 cm
Package 1 Weight	92 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	590 g
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	2.918 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

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 >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins