Product datasheet

Specifications





Fuse carrier, TeSys DF, 3P+N, 32A, 690VAC, fuse size 10x38mm, blown fuse indicator

DF103NV

Main

Main	
Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF10
Device composition	tubular link for locked in Neutral pole
Product compatibility	DF2CA fuse cartridge DF2CN fuse cartridge
poles description	3P + N
Fuse size	10 x 38 mm
Fuse type	, gG , aM
Control type	Toggle padlockable
local signalling	Blown fuse indication
Utilisation category	AC-20B conforming to IEC 60947-3 DC-20B conforming to IEC 60947-3
[Ue] rated operational voltage	690 V AC 690 V DC
[le] rated operational current	32 A at 400 V AC
[Ith] conventional free air thermal current	32 A 20 °C
[Ui] rated insulation voltage	690 V AC
[Uimp] rated impulse withstand voltage	6 kV
Overvoltage category	III
Short-circuit withstand	120 kA 400 V conforming to IEC 60947-3 120 kA 500 V conforming to IEC 60947-3
Power dissipation in W	3 W maximum power dissipation by fuse

Complementary

Standards	EN/IEC 60947-3 EN/IEC 60269-2 UL 4248-1 CSA C22.2 No 4248-1 EN 45545-2: R22 HL2
Product certifications	IEC UL recognized CSA CCC EAC

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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	70 mm	
Depth	61 mm	
Product weight	0.171 kg	
tuantity per set Set of 3		

Environment

Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C with derating above 20°C
Operating altitude	02000 m
IP degree of protection	IP20
Pollution degree	3
Fire resistance	960 °C conforming to IEC 60695-2-1
Compatibility code	DF10

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.2 cm
Package 1 Width	7.1 cm
Package 1 Length	8.0 cm
Package 1 Weight	182.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	6.8 cm
Package 2 Width	8.5 cm
Package 2 Length	22.2 cm
Package 2 Weight	585.0 g
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	9.839 kg

Contractual warranty

Warranty

6 Sept 2024

18 months

Sustainability Screen Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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	
9	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	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