Product datasheet

Specifications





Fuse carrier, TeSys DF, 3P+N, 50A, 690VAC, fuse size 14x51mm, blown fuse indicator

DF143NVC

Main

Range	TeSys	
Product name	TeSys DF	
Product or component type	Fuse carrier	
Device short name	DF14	
Device composition	tubular link for locked in Neutral pole	
Product compatibility DF3EA fuse cartridge striker DF3EN fuse cartridge striker DF14AM auxiliary contact block		
poles description 3P + N		
Fuse size	14 x 51 mm	
Fuse type	, gG , aM	
Control type	Toggle	
local signalling	Blown fuse indication	
[Ue] rated operational voltage	690 V AC 690 V DC	
[le] rated operational current	50 A	
[Ui] rated insulation voltage	690 V AC	
[Uimp] rated impulse withstand voltage	8 kV	
[lpk] rated peak withstand current	ed peak withstand 15 kA with tubular links conforming to IEC 60269-1	
Short-circuit withstand	120 kA 400 V conforming to IEC 60947-3 120 kA 500 V conforming to IEC 60947-3 80 kA 690 V conforming to IEC 60947-3	

Complementary

Standards	EN/IEC 60947-3 EN/IEC 60269-2 UL 4248-1 CSA C22.2 No 4248-1	
Product certifications	IEC UL recognized CSA EAC	
mounting support	35 mm symmetrical DIN rail	
Mounting position	Vertical (tolerance: +/- 23°)	

Connections - terminals	Screw clamp terminals 1 cable(s) 2.525 mm ² rigid Screw clamp terminals 2 cable(s) 2.510 mm ² rigid Screw clamp terminals 1 cable(s) 2.525 mm ² flexible with or without Screw clamp terminals 2 cable(s) 2.510 mm ² flexible with or without	
Tightening torque	3.5 N.m	
Height	110.8 mm	
Width	105 mm	
Depth	76.5 mm	
Product weight	ht 0.573 kg	
Quantity per set	antity per set Set of 1	

Environment

Ambient air temperature for storage	-4080 °C	
Ambient air temperature for operation	-2060 °C with derating above 20°C	
IP degree of protection	ree of protection IP20 conforming to IEC 60529	
Protective treatment	тн	
Fire resistance	tance 960 °C conforming to IEC 60695-2-1	
Compatibility code	DF14	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.000 cm
Package 1 Width	11.300 cm
Package 1 Length	18.500 cm
Package 1 Weight	544.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.074 kg

Contractual warranty

Warranty

18 months

Sustainability Screen

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc

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