

Product datasheet

Specifications



Fuse carrier TeSys DF, 1P+N 50A, fuse size 14x51 mm

Local distributor code: 393394164 DF141N

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	DF2EA fuse cartridge DF2EN fuse cartridge
Poles description	1P + N
Fuse size	14 x 51 mm
Fuse type	, gG , aM
Control type	Toggle
[Ue] rated operational voltage	690 V AC 690 V DC
[Ie] rated operational current	50 A
[Ui] rated insulation voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ipk] rated peak withstand current	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) 2.5...25 mm²rigid Screw clamp terminals 2 cable(s) 2.5...10 mm²rigid Screw clamp terminals 1 cable(s) 2.5...25 mm²flexible with or without

	Screw clamp terminals 2 cable(s) 2.5...10 mm²flexible with or without
Tightening torque	3.5 N.m
Height	110.8 mm
Width	52.5 mm
Depth	76.5 mm
Net weight	0.290 kg
Quantity per set	Set of 3

Environment

Ambient air temperature for storage	-40...80 °C
Ambient air temperature for operation	-20...60 °C with derating above 20°C
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH
Fire resistance	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 Weight	264.0 g
Package 1 Height	5.3 cm
Package 1 width	7.7 cm
Package 1 Length	11.1 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Weight	792.0 g
Package 2 Height	8.5 cm
Package 2 width	12.2 cm
Package 2 Length	18.2 cm
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Weight	10.048 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes

Mercury free	Yes
RoHS exemption information	Yes
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
Contractual warranty	
Warranty	18 months