

Product data sheet

Specifications



Fuse carrier, TeSys DF, 1P, 50A, 690VAC, fuse size 14x51mm

DF141

Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF14
Product compatibility	DF2EA fuse cartridge DF2EN fuse cartridge
Poles description	1P
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 IEC 60269-1
Short-circuit withstand	120 kA 400 V IEC 60947-3 120 kA 500 V IEC 60947-3 80 kA 690 V 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 +/- 23°
Connections - terminals	screw clamp terminals 1 0.00...0.04 in ² (2.5...25 mm ²)rigid screw clamp terminals 2 0.00...0.02 in ² (2.5...10 mm ²)rigid screw clamp terminals 1 0.00...0.04 in ² (2.5...25 mm ²)flexible with or without screw clamp terminals 2 0.00...0.02 in ² (2.5...10 mm ²)flexible with or without

Tightening torque	30.98 lbf.in (3.5 N.m)
Height	4.36 in (110.8 mm)
Width	1.04 in (26.5 mm)
Depth	3.01 in (76.5 mm)
Product weight	0.31 lb(US) (0.140 kg)
Quantity per set	Set of 6

Environment

Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Ambient air temperature for operation	-4...140 °F (-20...60 °C) with derating above 20°C
IP degree of protection	IP20 IEC 60529
Protective treatment	TH
Fire resistance	1760 °F (960 °C) 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	4.37 in (11.100 cm)
Package 1 Width	1.04 in (2.650 cm)
Package 1 Length	3.03 in (7.700 cm)
Package 1 Weight	4.09 oz (116.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	6.46 in (16.400 cm)
Package 2 Width	4.45 in (11.300 cm)
Package 2 Length	3.11 in (7.900 cm)
Package 2 Weight	26.67 oz (756.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	21.03 lb(US) (9.538 kg)

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

China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
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
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Recommended replacement(s)