

Product Datasheet

Characteristic

DF223C

Fuse carrier, TeSys DF, 3P, 125A, 690VAC, fuse size 22x58mm



Main

Range	TeSys
Product name	TeSys DF
product or component type	Fuse carrier
Device short name	DF22
Product compatibility	DF3FA fuse cartridge striker DF3FN fuse cartridge striker DF22AM auxiliary contact block
poles description	3P
Fuse size	22 x 58 mm
Fuse type	, gG , aM
Control type	Toggle
[Ue] rated operational voltage	690 V AC 690 V DC
[Ie] rated operational current	125 A
[Ui] rated insulation voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ipk] rated peak withstand current	19 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...35 mm²rigid Screw clamp terminals 2 cable(s) 2.5...25 mm²rigid Screw clamp terminals 1 cable(s) 2.5...35 mm²flexible with or without Screw clamp terminals 2 cable(s) 2.5...25 mm²flexible with or without

Tightening torque	4 N.m
Height	127.5 mm
Width	105 mm
Depth	76.5 mm
net weight	0.654 kg
Quantity per set	Set of 2

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	DF22

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.750 cm
Package 1 Width	10.500 cm
Package 1 Length	7.700 cm
Package 1 Weight	577.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Height	8.500 cm
Package 2 Width	13.500 cm
Package 2 Length	23.200 cm
Package 2 Weight	1.155 kg
Unit Type of Package 3	S03
Number of Units in Package 3	18
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.991 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Compliant
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP2010021EN
Circularity Profile	N/A
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins