Product data sheet
Characteristics

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	0…100 A, gG 0…125 A, aM
Control type	Toggle
[Ue] rated operational voltage	690 V AC 690 V DC
[Ie] rated operational current	100 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
Power dissipation in W	9.50 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
Product certifications	IEC[RETURN]UL recognized[RETURN]CSA[RETURN]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	545.000 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	1.231 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	11.558 Kg

Offer Sustainability

Total lifecycle Carbon footprint	9 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6.082541666666667
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.20074791666666666
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0016107916666666668
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2.775000000000001
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	3 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.058180833333333334
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	9
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxi
End of life manual availability	No need of specific recycling operations

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised