Product data sheet

Specifications



Fuse carrier, TeSys DF, 1P Neutral, 125A, 690VAC, fuse size 22x58mm, with tubular link

DF22N

Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF22
Device composition	tubular link for locked in Neutral pole
Poles description	1N
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 UL recognized when associated with a phase fuse carrier 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	35 mm
Depth	76.5 mm
Net weight	0.238 kg
Quantity per set	Set of 6

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	12.75 cm
Package 1 Width	3.5 cm
Package 1 Length	7.7 cm
Package 1 Weight	210 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.7 cm
Package 2 Width	13.5 cm
Package 2 Length	23.2 cm
Package 2 Weight	1.263 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	11.948 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**3 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0.9 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

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 and never end up in rubbish bins**