Product datasheet

Specifications



Fuse carrier TeSys DF, 1P 32A, fuse size 10 x 38 mm

DF101

Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF10
Product compatibility	DF2CA fuse cartridge DF2CN fuse cartridge
Poles description	1P
Fuse size	10 x 38 mm
Fuse type	0…32 A, aM 0…32 A, gG
Control type	Toggle padlockable
Utilisation category	AC-20B conforming to IEC 60947-3 DC-20B conforming to IEC 60947-3
[Ue] rated operational voltage	690 V AC 690 V DC
[Ie] rated operational current	32 A at 400 V AC
[Ith] conventional free air thermal current	32 A 20 °C
[Ui] rated insulation voltage	690 V AC
[Uimp] rated impulse withstand voltage	6 kV
Overvoltage category	III
Short-circuit withstand	120 kA 400 V conforming to IEC 60947-3 120 kA 500 V conforming to IEC 60947-3
Power dissipation in W	3 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 EN 45545-2: R22 HL2
Product certifications	IEC UL recognized CSA CCC EAC DNV-GL
Mounting support	35 mm symmetrical DIN rail
Mounting position	Vertical (tolerance: +/- 23°)

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Connections - terminals	Screw clamp terminals 1 cable(s) 1…16 mm²rigid Screw clamp terminals 2 cable(s) 1…6 mm²rigid Screw clamp terminals 1 cable(s) 1…16 mm²flexible with or without Screw clamp terminals 2 cable(s) 1…6 mm²flexible with or without
Tightening torque	2.2 N.m - with screwdriver PZ2 2.2 N.m - with screwdriver flat Ø 5.5 mm
Height	79.5 mm
Width	17.5 mm
Depth	61 mm
Net weight	0.042 kg
Quantity per set	Set of 12

Environment

Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C with derating above 20°C
Operating altitude	0...2000 m
IP degree of protection	IP20
Pollution degree	3
Fire resistance	960 °C conforming to IEC 60695-2-1
Compatibility code	DF10

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.700 cm
Package 1 Width	6.200 cm
Package 1 Length	8.000 cm
Package 1 Weight	44.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	6.500 cm
Package 2 Width	8.500 cm
Package 2 Length	22.000 cm
Package 2 Weight	562.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	192
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	9.487 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	**1 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 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**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**94**
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**