

# Product data sheet

Specifications



## Fuse carrier, TeSys DF, 3P+N, 32A, 690VAC, fuse size 10x38mm

DF103N

### Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF10
Device composition	tubular link for locked in Neutral pole
Product compatibility	DF2CA fuse cartridge DF2CN fuse cartridge
Poles description	3P + N
Fuse size	10 x 38 mm
Fuse type	0...32 A, gG 0...32 A, aM
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

<b>Mounting position</b>	Vertical (tolerance: +/- 23°)
<b>Connections - terminals</b>	Screw clamp terminals 1 cable(s) 1...16 mm <sup>2</sup> rigid Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> rigid Screw clamp terminals 1 cable(s) 1...16 mm <sup>2</sup> flexible with or without Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> flexible with or without
<b>Tightening torque</b>	2.2 N.m - with screwdriver PZ2 2.2 N.m - with screwdriver flat Ø 5.5 mm
<b>Height</b>	79.5 mm
<b>Width</b>	70 mm
<b>Depth</b>	61 mm
<b>Net weight</b>	0.171 kg
<b>Quantity per set</b>	Set of 3

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.200 cm
<b>Package 1 Width</b>	7.000 cm
<b>Package 1 Length</b>	8.000 cm
<b>Package 1 Weight</b>	180.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	6.800 cm
<b>Package 2 Width</b>	8.500 cm
<b>Package 2 Length</b>	22.200 cm
<b>Package 2 Weight</b>	580.000 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	48
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm
<b>Package 3 Length</b>	40.000 cm
<b>Package 3 Weight</b>	9.791 kg

## Contractual warranty

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Warranty

18 months



## 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	6
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	WARNING: Cancer - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### 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

Technical Illustration

Assembly's dimensions

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