

# Product data sheet

Specifications



## Fuse carrier, TeSys DF, 1P+N, 32A, 690VAC, fuse size 10x38 mm

DF101N

### Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF10
Device composition	tubular link locked in Neutral pole
Product compatibility	DF2CA fuse cartridge DF2CN fuse cartridge
Poles description	1P + N
Fuse size	10 x 38 mm
Fuse type	, aM , gG
Control type	Toggle padlockable
Utilisation category	AC-20B IEC 60947-3 DC-20B IEC 60947-3
[Ue] rated operational voltage	690 V AC 690 V DC
[Ie] rated operational current	32 A 400 V AC
[Ith] conventional free air thermal current	32 A 68 °F (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 IEC 60947-3 120 kA 500 V 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

<b>Mounting support</b>	35 mm symmetrical DIN rail
<b>Mounting position</b>	Vertical +/- 23°
<b>Connections - terminals</b>	screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )rigid screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )rigid screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )flexible with or without screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )flexible with or without
<b>Tightening torque</b>	19.47 lbf.in (2.2 N.m) PZ2 19.47 lbf.in (2.2 N.m) flat Ø 5.5 mm
<b>Height</b>	3.13 in (79.5 mm)
<b>Width</b>	1.38 in (35 mm)
<b>Depth</b>	2.40 in (61 mm)
<b>Product weight</b>	0.19 lb(US) (0.087 kg)
<b>Quantity per set</b>	Set of 6

## Environment

<b>Ambient air temperature for storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient air temperature for operation</b>	-40...158 °F (-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>	1760 °F (960 °C) 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>	1.38 in (3.5 cm)
<b>Package 1 Width</b>	2.44 in (6.2 cm)
<b>Package 1 Length</b>	3.15 in (8 cm)
<b>Package 1 Weight</b>	3.25 oz (92 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	2.68 in (6.8 cm)
<b>Package 2 Width</b>	3.35 in (8.5 cm)
<b>Package 2 Length</b>	8.74 in (22.2 cm)
<b>Package 2 Weight</b>	20.60 oz (584 g)
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	96
<b>Package 3 Height</b>	11.81 in (30 cm)
<b>Package 3 Width</b>	11.81 in (30 cm)
<b>Package 3 Length</b>	15.75 in (40 cm)
<b>Package 3 Weight</b>	21.79 lb(US) (9.885 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)