

Product data sheet

Specifications



Fuse carrier, TeSys DF, 1P, 32A, photovoltaic 1000VAC, fuse size 10x38mm

DF101PV

Main

Range	TeSys
Product Name	TeSys DF
Product Or Component Type	Fuse carrier
Device Short Name	DF10
Poles Description	1P
Fuse Size	10 x 38 mm
Control Type	Toggle padlockable
Utilisation Category	DC-20B conforming to IEC 60947-3
[Ue] Rated Operational Voltage	1000 V DC
[Ie] Rated Operational Current	32 A
[Ith] Conventional Free Air Thermal Current	32 A 20 °C
[Ui] Rated Insulation Voltage	1000 V DC
[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	CSA C22.2 No 4248-19 UL 4248-19 EN/IEC 60269-2 CSA C22.2 No 4248-1 UL 4248-1
Product Certifications	UL recognized IEC EAC CCC CSA
Mounting Support	35 mm symmetrical DIN rail
Mounting Position	Vertical (tolerance: +/- 23°)
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 N.m - with screwdriver PZ2 2 N.m - with screwdriver flat Ø 5.5 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

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	1.8 cm
Package 1 Width	6.2 cm
Package 1 Length	8 cm
Package 1 Weight	44 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	6.7 cm
Package 2 Width	8.5 cm
Package 2 Length	22.2 cm
Package 2 Weight	570 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	192
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.638 kg

Contractual warranty

Warranty	18 months
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Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation		REACH Declaration
Eu Rohs Directive		Compliant EU RoHS Declaration
China Rohs Regulation		China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Weee		The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California Proposition 65		WARNING: Cancer - www.P65Warnings.ca.gov