Product data sheet
Characteristics

DF101PV
Fuse carrier, TeSys DF, 1P, 32A, photovoltaic 1000VAC, fuse size 10x38mm



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
Fuse type	0…32 A, gG 0…32 A, aM
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 60269-3 120 KA 500 V conforming to IEC 60269-3 100 KA 600 V DC conforming to IEC 60269-3
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[RETURN]IEC[RETURN]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
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	1.800 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	6.700 Cm
Package 2 Width	8.500 Cm
Package 2 Length	22.200 Cm
Package 2 Weight	573.000 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	9.638 Kg

Offer Sustainability

Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.4638333333333333
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.015308333333333332
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.00012283333333333333
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.925
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.9 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.004436666666666666
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant

California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony tr
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised