Product data sheet
Characteristics

DF103N
Fuse carrier, TeSys DF, 3P+N, 32A, 690VAC, fuse size 10x38mm



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[RETURN]UL recognized[RETURN]CSA[RETURN]CCC[RETURN]EAC[RETURN]DNV-GL
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	2.2 N.M - with screwdriver PZ2 2.2 N.M - with screwdriver flat Ø 5.5 mm
Height	79.5 Mm

Width	70 Mm
Depth	61 Mm
Net weight	0.171 Kg
Quantity per set	Set of 3

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	8.000 Cm
Package 1 Width	7.000 Cm
Package 1 Length	6.200 Cm
Package 1 Weight	180.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	6.500 Cm
Package 2 Width	8.500 Cm
Package 2 Length	22.000 Cm
Package 2 Weight	574.000 G
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	9.678 Kg

Offer Sustainability

Total lifecycle Carbon footprint	6 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.8975
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.062625
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0005025
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3.7
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	4 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]	0.01815
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	6
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