



### Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF10
Product compatibility	DF2CA fuse cartridge DF2CN fuse cartridge
Poles description	3P
Fuse size	10 x 38 mm
Fuse type	, gG , 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
[Ui] rated insulation voltage	1000 V AC
[Uimp] rated impulse withstand voltage	6 kV
Overvoltage category	III
Short-circuit withstand	120 kA 400 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
Mounting position	Vertical (tolerance: +/- 23°)
Connections - terminals	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
Tightening torque	2 N.m - with screwdriver PZ2 2 N.m - with screwdriver flat Ø 5.5 mm
Height	79.5 mm
Width	52.5 mm
Depth	61 mm
Net weight	0.126 kg
Quantity per set	Set of 4

## 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 without derating
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 Weight	143 g
Package 1 Height	8.85 cm
Package 1 width	6.45 cm
Package 1 Length	5.25 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Weight	572 g
Package 2 Height	6.6 cm
Package 2 width	22.8 cm
Package 2 Length	8.4 cm
Unit Type of Package 3	S03
Number of Units in Package 3	60
Package 3 Weight	9.006 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</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
----------	-----------

---