

Simple and effective protection!

TeSys DF Fuse carriers



Schneider
Electric

TeSys fuse carriers



The **reliable** and **effective** choice for protecting your low voltage equipment in industrial applications.

Quality and **reliability** are the characteristics required for protecting your electrical installations, whether for distribution, control or motor starters. Fuse protection is undoubtedly a tried, tested and safe solution against short-circuits that can cause major damage to your installations and generate risks for equipment and personnel, as well as significant production losses.

TeSys fuse carriers, when combined with other power control and protection devices from the Telemecanique TeSys range, ensure effective and safe protection for your equipment.

Actual size

> IP2X Protection against direct finger contact

> Dual position locking mechanism for easier mounting on and removal from 35mm DIN rail

> Sealing in open or closed position for maximum operator safety

> Direct tightening of cables with increased insulation clearance



> Compact dimensions, conforming to electrical equipment standards

> Ergonomic handle for easier opening

> Blown fuse indicator (optional)

> Identification label



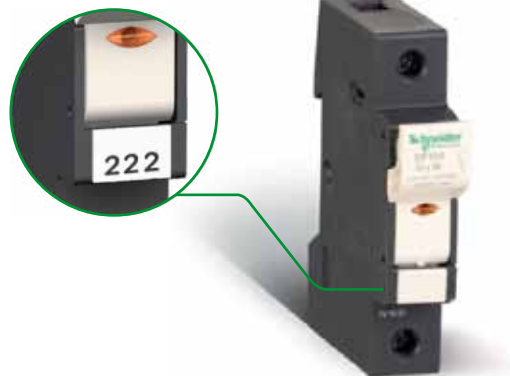


A powerful and complete worldwide offering

- Short-circuit protection of any low-voltage electric installation: control circuits, transformers, motors, etc.
- For **cylindrical cartridge fuses size 8x31, 10x38, 14x51 and 22x58: up to 690V**, from 0.5A to 125A.
- **High breaking capacity:** 120kA/500V and 80kA/690V (depending on the fuse used).
- Certifications: **IEC 60947-3, UL 512 and CSA 22.2 N° 39.**
- Conforming to the European **RoHS Directive** (Restriction of Hazardous Substances).
- Version for **Class CC fuses** available for North American market.
- Version for direct current applications, specially designed for **photovoltaic installations.**

A clever and versatile design

- **Modular design** provides solutions for a wide variety of needs: single-pole, single-pole + neutral, 2-pole, 3-pole, 3-pole + neutral and 4-pole.
- **Compact size** helps to reduce the overall size of the installation.
- **Standard height and width** for easy integration in numerous types of electrical equipment and simplified upstream connection.
- Ergonomic handle for **easier opening.**
- Dual position locking system for **easy DIN-rail mounting.**



Options

- **Clip-in legends** to identify each pole, for fast and easy location of circuits.
- **Blown fuse indicator** for instant identification of fuse to be replaced.
- **Microswitches** providing early break and fuse present / blown fuse signalling functions, for increased safety.
- **Multi-pole assembly kit** providing flexibility when building installations (single, 2, 3 and 4-pole configurations) and helping to optimise stock requirements.



Selection guide



TeSys DF101PV
specially designed for
photovoltaic application

Fuse carriers				
Conventional rated thermal current (Ith)	Size of cartridge fuse or link (mm)	Composition	Unit reference without indicator	Unit reference with indicator
25A	8,5 x 31,5	1 P	DF8 1	DF8 1V
		N	DF10 N	-
		1 P + N	DF8 1N	DF8 1NV
		2 P	DF8 2	DF8 2V
		3 P	DF8 3	DF8 3V
		3 P + N	DF8 3N	DF8 3NV
32A	10 x 38	1 P	DF10 1	DF10 1V
		1 P	DF101PV*	-
		N	DF10 N	-
		1 P + N	DF10 1N	DF10 1NV
		2 P	DF10 2	DF10 2V
		3 P	DF10 3	DF10 3V
		3 P + N	DF10 3N	DF10 3NV
50A	14 x 51	1 P	DF14 1	DF14 1V
		N	DF14 N	-
		1 P + N	DF14 1N	DF14 1NV
		2 P	DF14 2	DF14 2V
		3 P	DF14 3C	DF14 3VC
		3 P + N	DF14 3NC	DF14 3NVC
125A	22 x 58	1 P	DF22 1	DF22 1V
		N	DF22 N	-
		1 P + N	DF22 1N	DF22 1NV
		2 P	DF22 2	DF22 2V
		3 P	DF22 3C	DF22 3VC
		3 P + N	DF22 3NC	DF22 3NVC
30A	Class CC (North American market)	1 P	DFCC 1	DFCC 1V
		2 P	DFCC 2	DFCC 2V
		3 P	DFCC 3	DFCC 3V

* For 1000VDC photovoltaic application

Auxiliary early break and blown fuse signalling contacts

Fuse carrier to be equipped	Size of cartridge fuse or link (mm)	Number of contacts	Unit reference
DF14	14 x 51	1	DF14 AM1
		2	DF14 AM2
DF22	22 x 58	1	DF22 AM1
		2	DF22 AM2

Fuse carrier assembly kits

Fuse carrier to be assembled	Size of cartridge fuse or link (mm)	Kit contents	Unit reference
DF8	8,5 x 31,5	1 pin, 2 clips	DF10 AP
DF10	10 x 38	1 pin, 2 clips	DF10 AP
DF14	14 x 51	1 pin, 3 clips	DF14 AP
DF22	22 x 58	1 pin, 3 clips	DF22 AP

Make the most of your energy

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