

TeSys Fuse carriers

Simple and *effective*
protection!



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.

> 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

Actual size



> 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.

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

Fuse carriers					
Conventional rated thermal current (Ith)	Size of cartridge fuse or link (mm)	Composition	Unit reference without indicator	Unit reference with indicator	Old reference
25A	8,5 x 31,5	1 P	DF8 1	DF8 1V	DF6 AB08
		1 N	DF10 N	-	DF6 N10
		1 P + N	DF8 1N	DF8 1NV	GK1 CC
		2 P	DF8 2	DF8 2V	GK1 CD
		3 P	DF8 3	DF8 3V	GK1 CF
		3 P + N	DF8 3N	DF8 3NV	GK1 CH
32A	10 x 38	1 P	DF10 1	DF10 1V	DF6 AB10
		1 N	DF10 N	-	DF6 N10
		1 P + N	DF10 1N	DF10 1NV	GK1 DC
		2 P	DF10 2	DF10 2V	GK1 DD
		3 P	DF10 3	DF10 3V	GK1 DF
		3 P + N	DF10 3N	DF10 3NV	GK1 DH
50A	14 x 51	1 P	DF14 1	DF14 1V	GK1 EB
		1 N	DF14 N	-	GK1 EN
		1 P + N	DF14 1N	DF14 1NV	GK1 EC
		2 P	DF14 2	DF14 2V	GK1 ED
		3 P	DF14 3C	DF14 3VC	GK1 EF
		3 P + N	DF14 3NC	DF14 3NVC	GK1 EH
125A	22 x 58	1 P	DF22 1	DF22 1V	GK1 FB
		1 N	DF22 N	-	GK1 FN
		1 P + N	DF22 1N	DF22 1NV	GK1 FC
		2 P	DF22 2	DF22 2V	GK1 FD
		3 P	DF22 3C	DF22 3VC	GK1 FF
		3 P + N	DF22 3NC	DF22 3NVC	GK1 FH

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

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