

FX-90

Transient
overvoltage
protector, for
coaxial systems
with BNC75
connector.
Type 3.



WARNING!

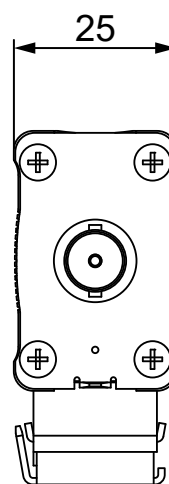
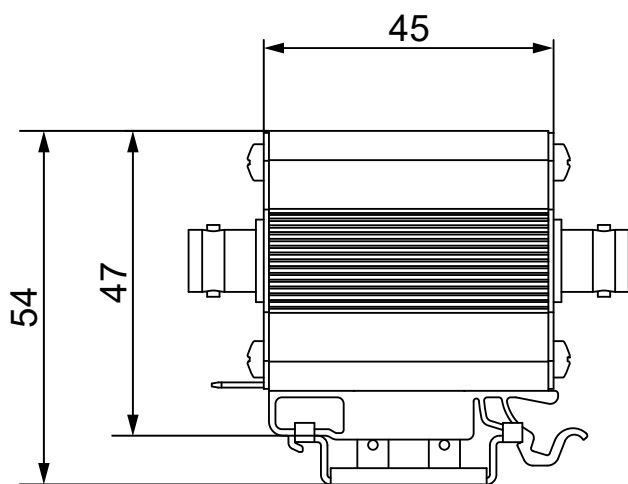
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of this device.
- This device should not be installed if, when unpacking it, you observe that it is damaged.
- Toscano cannot be held responsible in the event of non-compliance with the instructions in this document and in the documents to which it refers.
- Do not install on lines without protective earth (PE).



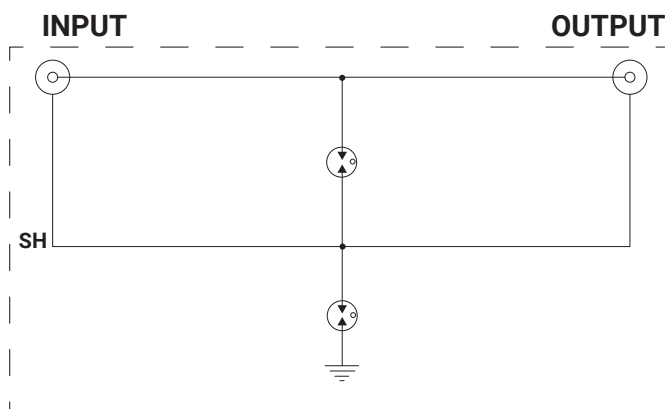
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Turn off all power supplying this device before working on it.
- Use a voltage tester on an appropriate range to verify that all live conductors are not energized.
- Failure to comply with these instructions may result in serious injury or even death.

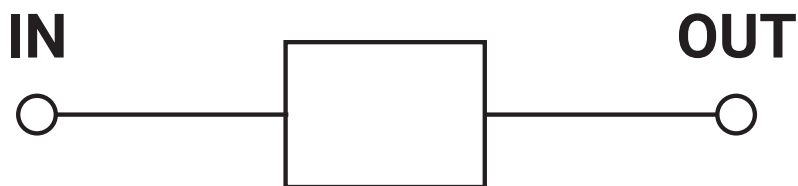
Dimensions



Electrical diagrams



Wiring



Technical specifications

GENERALS	Maximum voltage U_c	180 VDC
	Environmental limits	-40 / 80 °C
	Protection	IP20
	Mounting	DIN rail 35 mm
	Standards	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
	Dimensions (width x height x depth)	25 x 45 x 54 mm
	Average weight approx.	100 g
OVERVOLTAGE	Level protection U_p	660 VDC
	Maximum discharge current (8/20 μ s) I_{max}	10 kA
	Rated discharge current (8/20 μ s) I_n	2.5 kA
	Input / output connection	BNC75
	Overvoltage response time	100 ns
	Type	3
	Product standards	IEC/EN 61643-21

Description

Overvoltage protector for protection against transient overvoltages, on coaxial TV and CCTV lines.

This equipment DOES NOT PROTECT against PERMANENT overvoltage.

Check the standards that our products comply with and download their declaration of conformity at:
toscano.es/standards

