



WARNING!

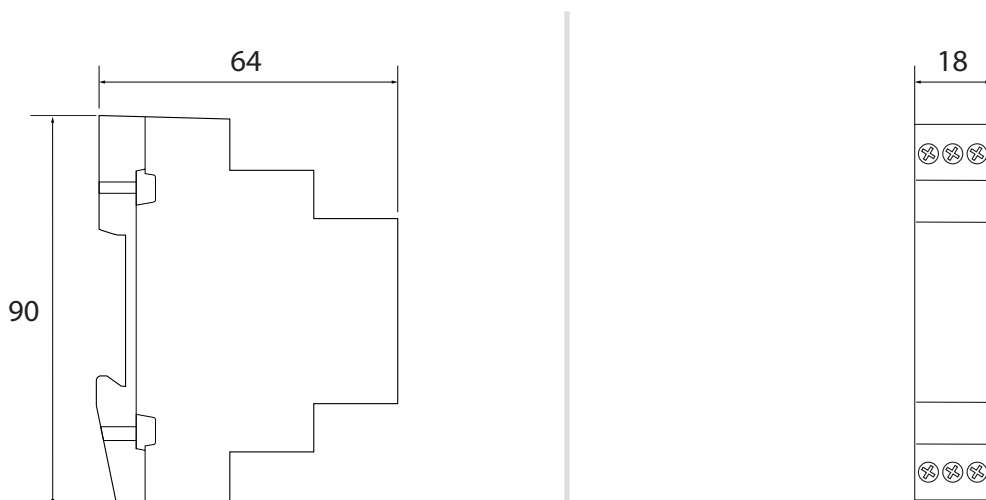
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of 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).



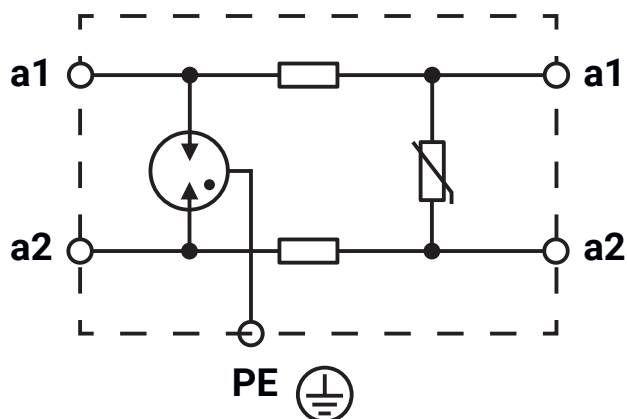
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- 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 follow these instructions will result in death or serious injury.

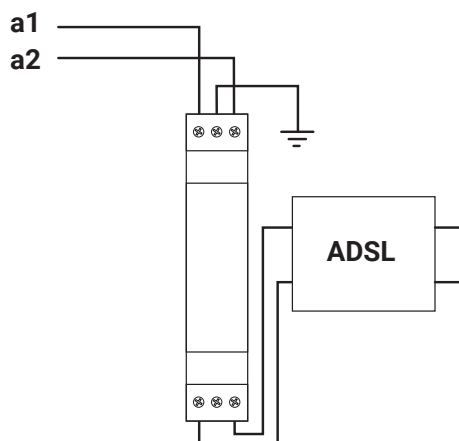
Dimensions



Electrical diagrams



Wiring



Technical specifications

GENERALS	Rated voltage U_n	170 VDC
	Maximum voltage U_c	185 VDC
	Frequency	50-60 Hz
	Maximum terminal cross-section	1 mm ²
	Protection	IP20
	Mounting	Rail DIN 35
	Standards	2014-35-UE (LVD) 2014-30-UE (EMC) 2011-65-UE (RoHS)
	Dimensions (width x height x depth)	18 x 90 x 64 mm
	Average weight approx.	42 g
OVERVOLTAGE	Load intensity I_L	275 mA
	Maximum discharge current (8/20 μ s) I_{max}	5 kA
	Rated discharge current (8/20 μ s) I_n	2.5 kA
	Series resistance	0.1 ohm
	Nominal speed	8 Mbits/s
	Residual voltage at 5 kA (a1/a2 ... a1/a2/PE)	<250 V / 700 V
	Overvoltage response time	≤ 25 ns
	Type	3
	Product standards	IEC/EN 61643-11

Description

In-line overvoltage protector for the protection of analog telephone equipment (ADSL) against transient overvoltages.

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

