

WARNING!

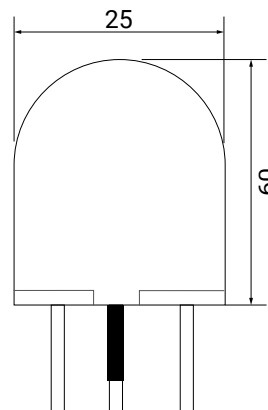
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of 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.
- For the correct operation of the equipment, the phases must be connected to the "L" terminals, the neutral to the "N" terminal and the earth to terminal "PE".



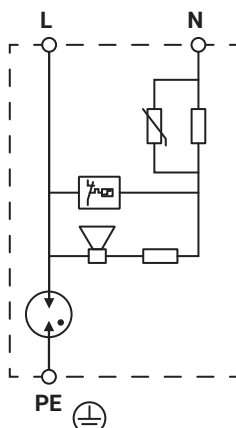
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- 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.

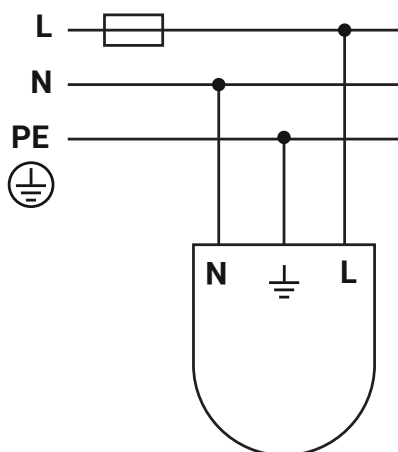
Dimensions



Electrical diagrams



Wiring



Technical specifications

GENERALS	Rated voltage Un	230 VAC
	Maximum voltage Uc	320 VAC
	Frequency	50-60 Hz
	Maximum terminal cross-section	1 mm ²
	Upstream protective fuse	16 A gL
	Environmental limits	-25 ° +40 °C
	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)	25 x 60 x 20 mm
OVERVOLTAGE	Average weight approx.	15 g
	Level protection Up (L-N / N-PE)	≤1.5 kV
	Maximum discharge current (8/20 μs) Imax (L-N / N-PE)	6 kA
	Rated discharge current (8/20 μs) In (L-N / N-PE)	3 kA / 5 kA
	Overvoltage response time	≤25 ns
	Type	3
	Product standards	IEC/EN 61643-11

Description

Surge arrester for additional mounting in equipment, machines, etc., intended for the protection of low-voltage electrical and electronic equipment against Type 3 transient overvoltages. Includes audible fault indication.

Operation

The equipment can be soldered onto a printed circuit board or installed in a connection box. The fuse must be installed upstream of the equipment to ensure that the system has double protection. Its value shall be set according to the following points:

-It must not be greater than the maximum capacity of the device. It must ensure disconnection in the event of overload or short circuit.

-Based on these two points, its value must be as high as possible.

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

