

WARNING!

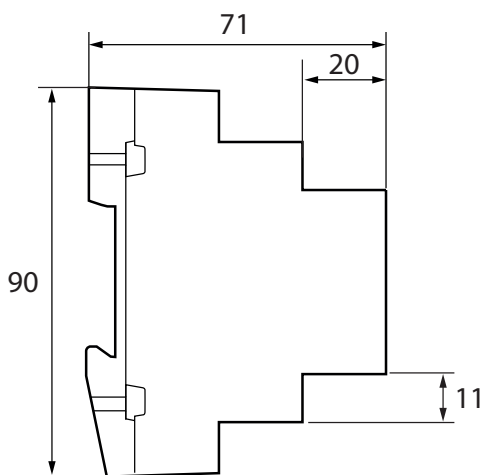
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of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



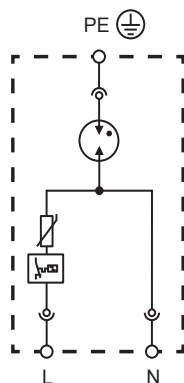
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- 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.

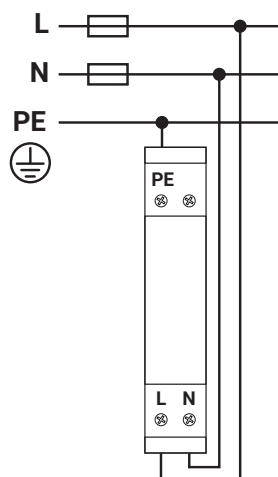
Dimensions



Electrical diagrams



Wiring



Technical specifications

GENERALS	Rated voltage Un (L-N)	230 VAC
	Maximum voltage Uc (L-N)	275 VAC
	Frequency	50-60 Hz
	Maximum terminal cross-section	6 mm ²
	Upstream protective fuse	63 A gL
	Environmental limits	-40 ° +80 °C
	Protection	IP20
	Mounting	Rail DIN 35
	Nº of DIN modules	1
	Standards	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
OVERVOLTAGE	Dimensions (width x height x depth)	18 x 90 x 71 mm
	Average weight approx.	57 g
	Level protection Up (L-N / N-PE)	≤1,2 kV / ≤1,5 kV
	Maximum discharge current (8/20µs) Imax (L-N / N-PE)	10 kA / 10 kA
	Rated discharge current (8/20µs) In (L-N / N-PE)	5 kA / 5 kA
	Overvoltage response time	≤25 ns
	Combined wave voltage (Uoc)	10 kV
	Type	3
	Product standards	IEC/EN 61643-11

Description

Transient overvoltage protection module, caused by lightning strikes, switching operations in electrical circuits, and electrostatic discharges. Prevents the damage that these transient overvoltages may cause to the equipment supplied by that network.

Operation

In the event of a transient overvoltage, the equipment absorbs it, thus preventing any damage to the devices connected to the network.

If, due to an overvoltage, the protection becomes inoperative, the equipment will show the indicator window in red. In such case, the protection module will have become unusable and must be replaced by another one. For correct operation, the equipment must be installed downstream of a Class II transient protector (e.g. V2T-15).

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

