



WARNING!

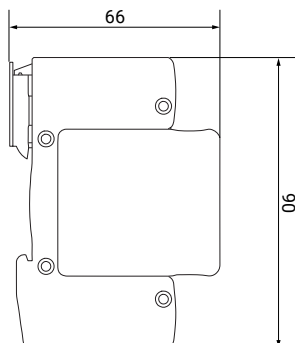
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of 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 comply with these instructions may result in serious injury or even death.

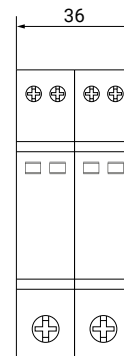
Dimensions



V2T-15

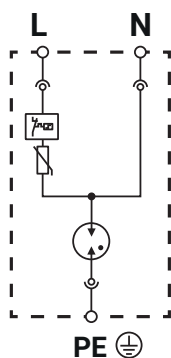


V3T-15

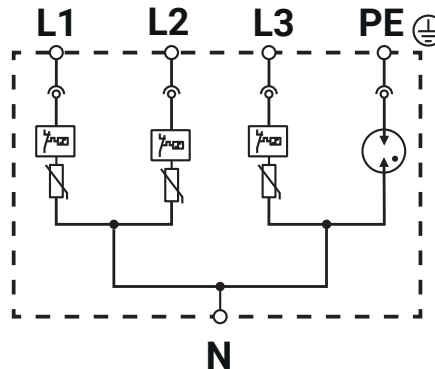


Electrical diagrams

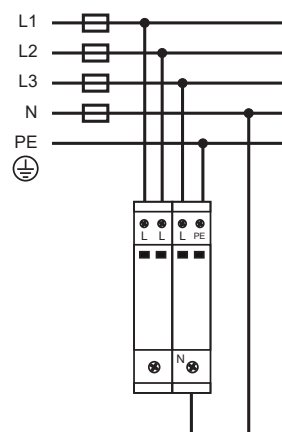
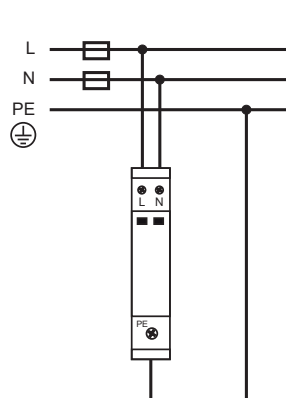
V2T-15



V3T-15



Wiring



Technical specifications

	V2T-15	V3T-15
GENERAL	Rated voltage U_n	230 VAC (L/N)
	Maximum voltage U_c	320 VAC (L/N)
	Frequency	50-60 Hz
	Maximum terminal cross-section	16 mm ²
	Upstream protective fuse	63 A gL
	Environmental limits	-40 ° +80 °C
	Degree of protection	IP20
	Mounting	Rail DIN 35
	N° of DIN modules	1
	Dimensions (width x height x depth)	18 x 90 x 66 mm
OVERVOLTAGE	Average weight approx.	110 g
	Packed weight	120 g
	Level protection U_p	≤1,5 kV
	Maximum discharge current (8/20μs) I_{max} (L-N / N-PE)	15 kA / 15 kA
	Rated discharge current (8/20μs) I_n (L-N / N-PE)	8 kA / 10 kA
COMPLIANCE	Overvoltage response time	≤100 ns
	Type	2
COMPLIANCE	Directives	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
	Standards	IEC / EN 61643-11:2012+A11:2018



IN THE CASE OF THREE-PHASE LINES WITHOUT NEUTRAL, THE EARTH CONNECTION (PE) MUST BE INSTALLED AT THE NEUTRAL (N) TERMINAL.

Description

In the event of a transient overvoltage, the device limits it by diverting the discharge current to earth (PE) thus preventing damage to the equipment connected to the installation.

If due to an overvoltage the protection becomes inoperative, the device will display the indicator window in red. In such a case, the protection module will have become unusable and must be replaced with another one plug-in and easy to replace.

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

