

V3T-25/100

Transient surge protective device (SPD) with risk of direct lightning strike in three-phase installations. Type 1+2.

 L 	 L 	 L 	 PE 
toscano vigivolt V3T-25/100 Uc: 275V- Up: ≤1,3kV Iimp: 25kA In: 25kA Imax:100kA SPD T1 T2	Uc: 275V- Up: ≤1,3kV Iimp: 25kA In: 25kA Imax:100kA SPD T1 T2	Uc: 275V- Up: ≤1,3kV Iimp: 25kA In: 25kA Imax:100kA SPD T1 T2	Uc: 275V- Up: ≤1,5kV Iimp: 100kA In: 100kA Imax:100kA SPD T1 T2
 	 N 	 N 	 



WARNING!

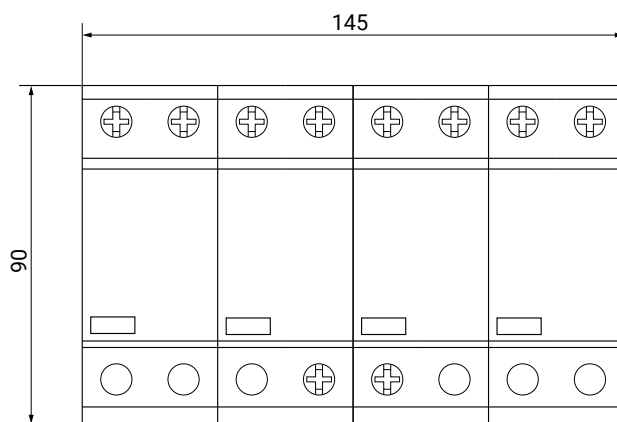
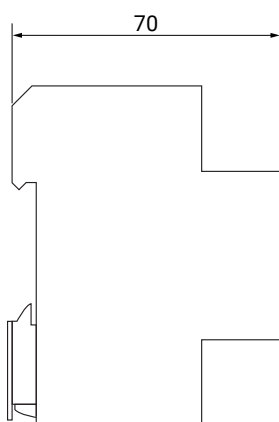
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of this device.
- This device should not be installed if, when unpacking it, you observe that 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 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 "PE" terminal.



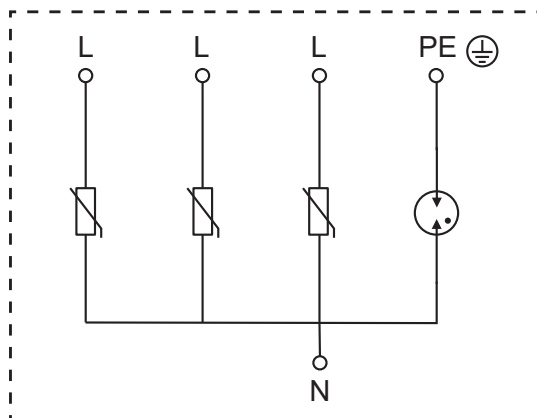
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- 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.

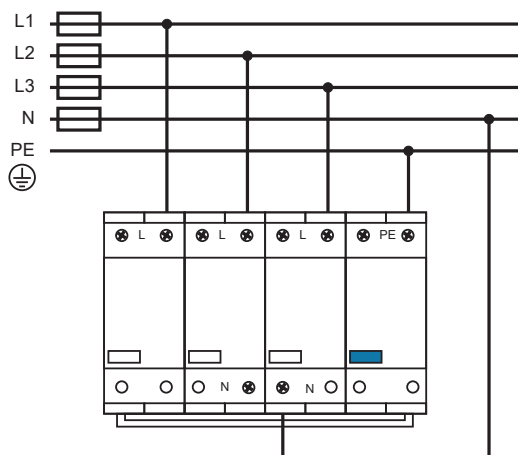
Dimensions



Electrical diagrams



Wiring



Technical specifications

GENERALS	Rated voltage Un (L-N / L/L)	230 VAC / 400 VAC
	Maximum voltage Uc	275/255 VAC
	Frequency	50-60 Hz
	Maximum terminal cross-section	35 mm ²
	Upstream protective fuse	200 A gL
	Environmental limits	-40 ° +80 °C
	Protection	IP20
	Mounting	Rail DIN 35
	N° of DIN modules	8
	Standards	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
OVERVOLTAGE	Dimensions (width x height x depth)	145 x 90 x 70 mm
	Average weight approx.	820 g
	Level protection Up (L-N / N-PE)	≤1,3 kV / ≤1,5 kV
	Maximum discharge current (8/20 μs) Imax (L-N / N-PE)	120kA / 200 kA
	Rated discharge current (8/20 μs) In (L-N / N-PE)	25 kA / 100 kA
	Impulse current (10/350 μs) Iimp (L-N / N-PE)	25 kA / 100 kA
	Overvoltage response time (L-N / N-PE)	≤25 ns / ≤100 ns
	Type	1+2
	Product standards	IEC/EN 61643-11



In the case of three-phase lines without neutral, the protective earth (PE) must be connected to the neutral (N) terminal.

○ Description

Type 1 and 2 transient surge protective device (SPD) which, in the event of an overvoltage, absorbs it by diverting it to earth (PE), thus preventing any damage to the equipment connected to the mains.

If, due to an overvoltage, the protection becomes inoperative, the indicator window (normally green) will switch off. In such case, the protection module will have become unusable and must be replaced.

Check the standards that our products comply with and download their declaration of conformity at:
[toscano.es/standards](https://www.toscano.es/standards)

