vigivolt

V2P2.0

Protector against permanent overvoltages.



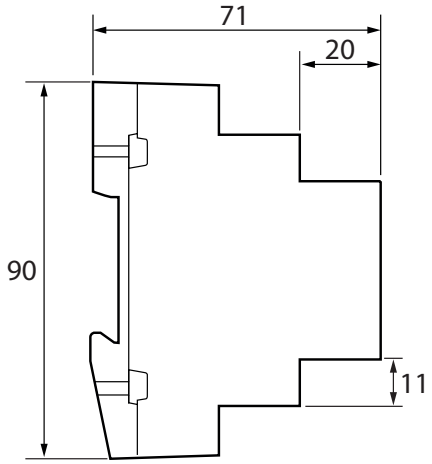
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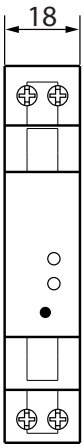
USER MANUAL

Cod. 50023666. Ed. 8.26

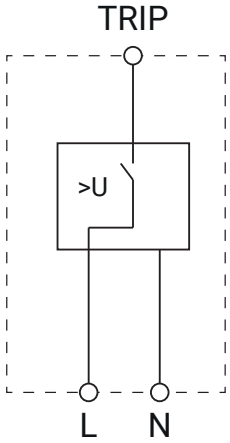
WARNING!	**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician. - This device must not be repaired. - All applicable local, regional and national regulations must be complied with 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 and the neutral to the "N".	- Turn off all power supplying this device before working on it. - Use a voltage tester on an appropriate scale to verify that all live conductors are not energized. - Failure to comply with these instructions may result in serious injury or death.

Dimensions



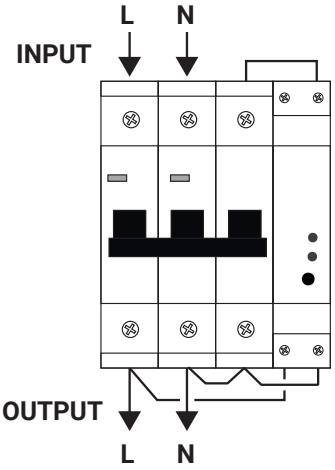


Electrical diagrams



Wiring

Do not install on lines without neutral (N).



Technical specifications

GENERAL	Rated voltage Un	240 VAC
	Frequency	50-60 Hz
	Power consumption	0.2 VA
	Maximum terminal cross-section	25 mm^2
	Tightening torque	2 Nm
	Alarm contact	6 A / 30 VDC, 6 A / 250 VAC
	Environmental limits	-20 °C +70 °C / 80% R.H.
	Protection	IP20
	Mounting	Rail DIN 35
	No. of DIN modules	1
	Dimensions (width x height x depth)	18 x 90 x 71 mm
	Approx. average weight	60 g
	Approx. packed weight	75 g

PERM.	Disconnection voltage	according to EN IEC 63052
	Overvoltage response time	

COMPLIANCE	Directives	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
	Standards	EN IEC 63052

Description

Protection device against permanent overvoltages caused by increases in mains voltage, in single-phase installations.

Operation

The equipment continuously measures the voltage in the installation and detects any increase exceeding 10% of the nominal voltage. In the event of detecting such an anomaly, it acts on the trip coil of the MCB (Miniature Circuit Breaker).

The response time will depend on the level of overvoltage detected (according to the specifications of the UNE EN50550 Standard).

The device will become operational again once the MCB is reset, provided that the voltage is within its nominal values.

Two indicators show the status of the equipment:

Green **(blinking):** System correct and device under monitoring.

Red **(blinking):** Indicates that the installation voltage has exceeded the trip level and the timing is being carried out before action. If the voltage value normalizes during this time, it will return to the “device under monitoring” state.

Red **(steady):** An overvoltage has occurred, and remaining lit indicates that the equipment is improperly connected or there is an anomaly in the assembly formed by the MCB and the trip coil.

A test button located on the front of the device allows verification of its correct operation by simulating the overvoltage. To activate it, the button must be pressed for at least three seconds.

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Scan for more information:

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