

# PLUG-IN SURGE PROTECTOR FOR ELECTRONIC EQUIPMENTS

For protection of the electronic devices such as computers, notebooks, tablets, TVs, games, stereo systems, DVD and Blu-ray players and other equipments against voltage surges from the power transmission lines, normally caused by indirect atmospheric discharges.

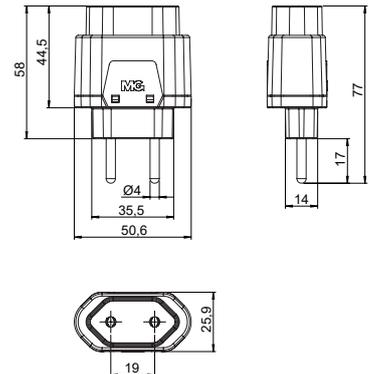


Models	Protection mode
PPS1-4K5 2P	Diferential (LL / LN)*
PPS1-4K5 2P+T	Diferential (LL / LN)* Common (LT / NT)*
Specifications	
Type	SPD class III
Rated operating voltage – U <sub>0</sub>	127/220V~ in 50 ou 60 Hz
Max continuous operating voltage – U <sub>c</sub>	275V~
Maximum discharge current – I <sub>max</sub>	4,5kA (8/20us)
Combined wave voltage – U <sub>oc</sub>	6 kV
Protection level – U <sub>p</sub>	1 kV
Maximum load current - I <sub>L</sub>	10A
Typical response time	<25ns
Operating temperature	0 to 40°C
Protection tecnology	Metal oxide varistors (MOV)
Exposure level	Low
Thermal protection of varistors	Yes
Active protection indication	Yes
Color options	Black, white and crystal

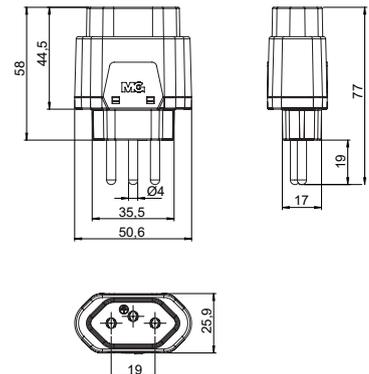
\* L: Line/Phase - N: Neutral - T: Ground

## DIMENSIONS

### 2P



### 2P+T



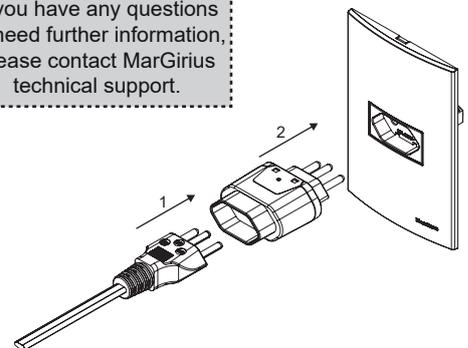
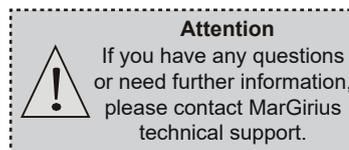
## NOTES FOR INSTALLATION

- The protector must be connected directly in installations that are properly sized and grounded, in accordance with brazilian standard ABNT NBR 5410 - Low Voltage Electrical Installations.
- For greater efficiency of the protection system, use SPD in the electrical input or distribution switchboard associated with the Plug-in Surge Protector for Electronic Equipments.
- Telephone lines, internet and TV cables should also be provided with specific protectors.

## OPERATING LIGHT

- Led on (in operation): Indicates that the protector is in perfect working order.
- Led off (out of operation): Indicates that the protector has fulfilled its function, protecting the equipments connected to it. In this case, the protector should be replaced.

## INSTALLATION



CURRENT (I <sub>L</sub> )	COLORS	VOLTAGE	SELECTION GUIDE						
10A	B- White F- Black CJ- Crystal	6 - Bivolt (127/220V~)	<b>PPS</b> Reference	<input type="checkbox"/> Design 1	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> I <sub>max</sub> 4K5	<input type="checkbox"/> <input type="checkbox"/> Wires 2P 3P	<input type="checkbox"/> <input type="checkbox"/> I <sub>L</sub> 10A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Color B F CJ	<input type="checkbox"/> Voltage 6 - Bivolt

