

ELECTRIC SURGE PROTECTOR FOR ELECTRONIC GATES

For protection of the electronic control of gates, lamps, light fixtures and Led reflectors, phone systems* and other equipments against voltage surges from the electrical network, normally caused by indirect atmospheric discharges.

*Telephone lines should be provided with specific protectors.

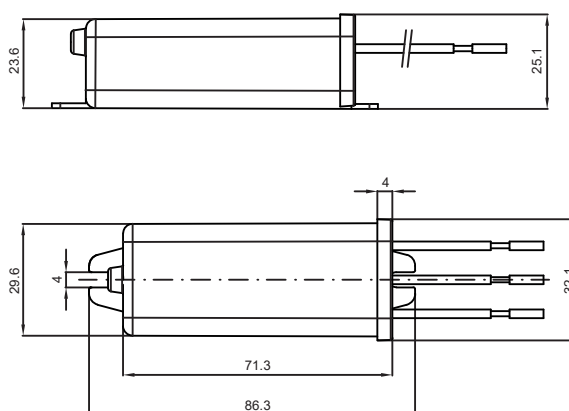


MODELS

| PPE-4K5 | |
|---|---------------------------------|
| Type | DPS class III |
| Rated operating voltage - Uo | 127/220V~ in 50/60Hz |
| Number of protected wires | 3 (F1F2-F1T-F2T or F1N-F1T-NT)* |
| Maximum discharge current - Imáx | 4,5KA (8/20us) |
| Typical response time | <25ns |
| Operating Temperature | 0°C to 40°C |
| Protection technology | Metal oxide varistors (MOV) |
| Exposure level | Low |
| Protection level- Up | 1,0KV |
| Maximum continuous operating voltage-Uc | 275V~ |
| Thermal protection of varistors | Yes |
| Active protection indication | Yes |

* According to the local electrical system.

DIMENSIONS



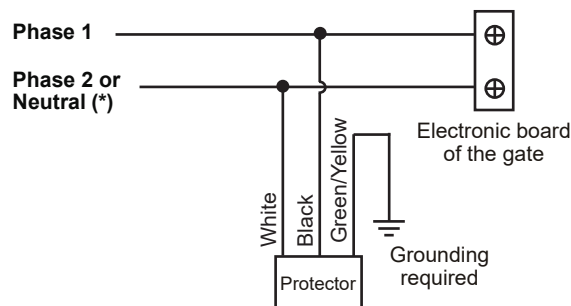
NOTES FOR INSTALLATION

- The protectors 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, it is recommended to use DPS in the electrical input or distribution switchboard associated with the electric surge protector for electronic gates.
- It is mandatory to use an efficient grounding for the correct operation of the product. We recommend the ground connected at the point of entry of the energy distribution company.
- Use only in single-phase power grids of 127 or 220V ~. Do not install in Three-phase power grids.

NOTES ON THE LIGHT INDICATOR

- 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 equipment connected to it. In this case, the protector should be replaced.

WIRING DIAGRAM



* According to the local electrical system.



Attention

Incorrect connection of the wires may cause improper operation or damage to the product. For further information, consult the MarGirius Technical Department.

RATED VOLTAGE

Bivolt (127/220V~).

SELECTION GUIDE

PPE-4K5



Notes:

- Cable colors may change without prior notice;
- See the product manual before installation.