

**« CE » Non-marking
on Communication Surge Protectors**

cm191106- Christian Macanda

CITEL designs and manufactures several ranges of surge protections and components against surge voltages.

The surge protective devices (SPD) for communication networks (such as Telecommunication, Data Transmission, LAN, Radiocommunication) are compliant with their related standard:

European standard:

- **EN 61643-21**: Surge Protective Devices connected to signal networks and telecommunication- Requirements and test methods.

However, the **Low Voltage European Directive n°2014/35/EU** is not applicable to them, as a result of the first article of the directive, which stipulates that the electrical devices functioning outside the range of voltage 50-1000 Vac (or 75-1500 Vdc) are not concerned (see *excerpt below*).

CHAPTER 1

GENERAL PROVISIONS

Article 1

Subject matter and scope

The purpose of this Directive is to ensure that electrical equipment on the market fulfils the requirements providing for a high level of protection of health and safety of persons, and of domestic animals and property, while guaranteeing the functioning of the internal market.

This Directive shall apply to electrical equipment designed for use with a voltage rating of between 50 and 1 000 V for alternating current and between 75 and 1 500 V for direct current, other than the equipment and phenomena listed in Annex II.

Conclusion

Consequently, **the surge protective devices for communication network can not be marked « CE », in the absence of a directive concerning them.**

Christian Macanda

Group Product Manager CITEL

christian.macanda@citel.fr