

Standard ECMA-287

Safety of electronic equipment

(June 1999)

The advent of multimedia products has blurred the borderline between different classes of products, like IT equipment, audio-video equipment, communication equipment, and the environment within which the equipment is used.

Personal computers which used to be connected only to printers and occasionally modems are now frequently connected to loudspeakers, scanners, video and audio tape recorders, TV sets. The environment has changed from the office (or home office), to include all the rooms of the house, and, for portable equipment, outdoor leisure areas. The age of the user and of the bystander is continuously reducing.

To cope with this situation, **ECMA TC12**, in close co-operation with EACEM WG4/PT4.2, decided to develop this generic standard for safety of electronic equipment.

This standard is applicable to electronic equipment with a rated voltage not exceeding 600 V rms and intended for domestic or professional use. The equipment may be powered from an a.c. or d.c. supply and can be an independent unit or a system of interconnected units.

The electronic equipment considered in this standard can be:

- office equipment;

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- consumer electronic equipment;
- telecommunication terminal equipment;
- or a combination of the above.

The requirements of this standard are intended to provide protection to persons as well as to the surrounding of the equipment.

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The following files are provided in this set of CD-ROMs:

File name	Size (Bytes)	Content
ECMA-287.PDF	1'036'071	Acrobat PDF file
ECMA-287.PSC	7'086'320	Corresponding PostScript file

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