

## SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED ELECTRICAL INSTALLATIONS –

### Part 2-1: Particular requirements – Electronic switches

#### INTERPRETATION SHEET 1

This interpretation sheet has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

The text of this interpretation sheet is based on the following documents:

ISH	Report on voting
23B/1012/ISH	23B/1030/RVD

Full information on the voting for the approval of this interpretation sheet can be found in the report on voting indicated in the above table.

#### Interpretation of the application of IEC 60669-2-1:2002, Subclause 26.2.1, NOTE 2

According to NOTE 2 of 26.2.1 of IEC 60669-2-1:2002, independent dimmers for incandescent lamps up to and including 1 000 W are not tested according to IEC 61000-3-2.

Dimmers according to IEC 60669-2-1 are independent dimmers.

If they are designed to dim different kinds of loads including incandescent lamps they are considered as dimmers for incandescent lamps and according to IEC 61000-3-2 they need not to be tested with all different kinds of load.

As a consequence independent dimmers complying with IEC 60669-2-1 and designed to dim different kinds of loads including incandescent lamps need not to be tested according to Clause 7 of IEC 61000-3-2:2005 and its Amendments 1:2008 and 2:2009, if the rated power is less than or equal to 1000 W.

NOTE This interpretation sheet will be withdrawn once IEC 61000-3-2 will have been modified to cover also dimmers for other kinds of loads than incandescent lamps.