HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –
Part 1: General requirements

INTERPRETATION SHEET

This interpretation sheet has been prepared by technical committee 61: Safety of household and similar electrical appliances.

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

ISH	Report on voting
61/3142/ISH	61/3219/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.

Subclause 22.46

This subclause introduced by amendment 1 is clarified by following:

Software used in **protective electronic circuits** shall be **software class B** or **software class C**.

If failure of the software in the presence of another fault in the appliance would result in a hazard, then **software class B** shall be used. If failure of software alone would result in a hazard, then **software class C** shall be used.

*Compliance is checked by evaluating the software in accordance with the relevant requirements of Annex R and, for checking if the correct software class is used, by assessing whether failure of the function controlled by the software can result in a **dangerous malfunction**, electric shock, fire, mechanical or other hazard.*

NOTE 1 Software class A denotes software used for functional purposes.

NOTE 2 In case the software is modified, the evaluation and relevant tests are repeated if the modification can influence the results of the tests involving **protective electronic circuits**.