

**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**.