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A Guide to the EU Low Voltage Directive

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ABSTRACT

This guide (prepared under contract by Helen Delaney and Rene van de Zande, DVZ Joint Ventures) is an easy-to-use introductory reference for industry and government officials on the requirements of the European Union's (EU) Low Voltage Directive (LVD) [Directive 73/23/EEC]. It is designed to help business and government officials understand the purpose of the directive, its relationship to other directives, the essential requirements contained in the directive, and the basic steps necessary for compliance. The guide offers explanations of such requirements as: the products covered by the directive, the products excluded from coverage under the directives, and issues regarding electrical components and the use of standards. The guide contains the text of the directive and a list of applicable standards. The guide also references appropriate sections of *NIST Special Publication 951: A Guide to EU Standards and Conformity Assessment* for further information on some of the generic conformity assessment concepts and requirements of the EU's New Approach.

Key Words: CEN; CENELEC; conformity assessment; directives; electrical products; European Union; Low Voltage Directive; LVD; New Approach directives; technical construction files; user manuals; voltage regulations

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The Low Voltage Directive¹

Directive 73/23/EEC

Applicable since February 19, 1973

Amended in 1993 by Directive 93/68/EEC (CE Marking Directive)

To Be Considered:

1. *Unlike New Approach Directives that cover specific families of products (such as toys and simple pressure vessels), the Low Voltage Directive (LVD) addresses a particular hazard and may be applicable to a wide range of products. In this, it is like the Directive on Electromagnetic Compatibility (EMC).*
2. *Although both Directives address hazards, the Low Voltage Directive is concerned with the safety of people, animals, and property. The Directive on Electromagnetic Compatibility, on the other hand, seeks to protect products from adverse effects.*
3. *Like the Directive on Electromagnetic Compatibility, products subject to the Low Voltage Directive may also be subject to other directives. For example, most machines with an electrical supply are subject to the Low Voltage Directive, the Directive on Electromagnetic Compatibility, and the Directive on Machinery (See the Directive on Machinery on page 9 for additional references to applying the LVD to machines, i.e., to machines where the risks are mainly of electrical origin).*
4. *There are other New Approach Directives that cover the electrical safety of specific products. Examples are electrical equipment for use in potentially explosive atmospheres, electrical equipment for radiology and medical purposes, and electrical parts for elevators. These are not covered under the LVD (See B. Products Excluded from the Directive on page 3).*
5. *It should also be noted that the requirements of the Low Voltage and the EMC Directives are integrated into the Radio Equipment and Telecommunications Terminal Equipment Directive.*

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¹ Readers of this report may wish to refer to NIST SP 951 A *Guide to EU Standards and Conformity Assessment*, which is available on NIST's website at: <http://ts.nist.gov/ca>.

Purpose of the Low Voltage Directive

The purpose of the Low Voltage Directive is to prevent persons, domestic animals, and property from being harmed by electrical equipment. The directive covers not only the electrical risks of such equipment, but also all risks, that may be caused by external influences on the electrical equipment. Such risks may be mechanical or chemical in nature, or risks to health caused by noise, vibrations, or ergonomic factors.

Basic Steps to Compliance

I. Determining Whether or Not the Product Has To Comply with the Low Voltage Directive

A: Products Totally Covered by the Directive

Products in the following categories are covered by the Low Voltage Directive and must carry the CE Marking (See NIST SP 951 *A Guide to EU Standards and Conformity Assessment, Page 17*):

- All electrical equipment designed for use with a voltage rating between 50 and 1000 V for alternating current or between 75 and 1500 V for direct current. (Voltage ratings refer to the voltage of the electrical input or output, not to voltages which may appear inside the equipment.)

Generally speaking, products that must comply with the LVD are electrical consumer products or capital goods that are designed to operate within those voltage limits. Examples are:

- electrical appliances and hand-held electrically driven tools,
 - lighting equipment including ballasts,
 - switch gear and control gear,
 - electric wiring,
 - appliance couplers and cord sets,
 - electrical installation equipment, and
 - cable management systems.
- Battery operated equipment outside the voltage rating is obviously outside the scope of the LVD. However, accompanying battery-chargers, as well as equipment with integrated power supply units within the voltage ranges of the Directive, are within the scope of the LVD. This applies also to battery-operated equipment with supply voltage rating under 50 V AC and 75 V DC, with accompanying power supply units (e.g., Notebooks).

- The Directive also applies to those products for which the European Commission has mandated a LVD Harmonized Standard (See page 17).

B. Products Excluded from the Directive

Annex II of the Directive lists the equipment and phenomena outside the scope of the Directive as follows:

- Electrical equipment for use in a potentially explosive atmosphere
- Electrical equipment for radiology and medical purposes
- Electrical parts for goods and passenger lifts (elevators)
- Electricity meters
- Plugs and socket outlets for domestic use,
- Electric fence controllers,
- Radio-electrical interference, and
- Specialized electrical equipment for use on ships, aircraft or railways which complies with the safety provisions drawn up by international bodies in which the Member States participate.

These products are excluded from the LVD because they are regulated under national laws, international agreements, or other New Approach Directives.

II. Essential Requirements

The essential requirements of the LVD are contained in Annex I of the Directive. They describe, in a general way, the safety objectives of the Directive in terms of general conditions, protection against hazards arising from electrical equipment, and protection against hazards that may be caused by external influences on the electrical equipment. Compliance with the essential requirements is mandatory.

General Conditions

- Essential characteristics, or information about the equipment that will help the consumer to use it safely, must be marked on the equipment.
- The manufacturer's name, or the brand name, or the trademark, should be printed on the equipment. If that isn't possible, this information should be on the packaging.
- The equipment should be manufactured so that it can be safely and properly assembled, if necessary, and connected.

- The equipment should be free from hazards when used as it was intended to be used and adequately maintained.

Protection Against Hazards Arising from the Electrical Equipment

- People and domestic animals should be protected from injury and harm caused by direct or indirect electrical contact.
- Electrical Equipment should not produce dangerous temperatures, arcs, or radiation.
- People, domestic animals, and property should not be harmed by non-electrical dangers.
- Insulation must be suitable, or match the conditions of use.

Protection Against Hazards Caused by External Influences

- Electrical equipment must be free from mechanical dangers.
- Electrical equipment must be resistant to non-mechanical influences in expected environmental conditions (such as chemical dangers, or risks to health caused by noise, vibrations, or ergonomic factors).
- Electrical equipment must be free from the dangers of foreseeable overload.

In effect, the essential requirements state that products within the scope of the Directive should not endanger

- Persons,
- Domestic Animals, or
- Property

When

- Properly Installed,
- Maintained, and
- Used in applications for which they were made.

Because the essential requirements are so general in nature, it is incumbent upon the manufacturer to conduct a risk assessment of the product to determine the likelihood of injury or damage to the user or to property. Manufacturers of machinery, in particular, can be guided by a standard for risk assessment (EN 1050).

The manufacturer is also well advised to consult the *LVD Harmonized Standards* for guidance. There are many LVD Harmonized Standards; they provide guidance not only to the products covered by the Directive, but about the hazards associated with them. Compliance with Harmonized Standards can also provide assurance to the manufacturer that the product is in compliance with the essential requirements of the Directive (See NIST 951 *A Guide to EU Standards and Conformity Assessment, Page 11*).

III. Understanding Components

The Low Voltage Directive covers final products and some components (equipment intended to be incorporated into a final product). The LVD gives no instruction to the manufacturer on what kinds of components must comply and bear the CE Marking (See NIST SP 951 *A Guide to EU Standards and Conformity Assessment, Page 17*). The *essential requirements* are the final arbiters, and it is incumbent upon the manufacturer of a component to determine whether or not they should be applied to the product. The manufacturer must weigh the essential requirements against factors such as how the component will be integrated into the final product and how the component and the final product will function. Experience and a proper assessment of risks associated with the product must guide the manufacturer in deciding whether or not to apply the Directive.

It is generally accepted that certain basic components (even active ones) such as integrated circuits, transistors, diodes, rectifiers, triacs, GTO's, IGBT's, opto-semiconductors, and passive components such as capacitors, inductors, resistors, filters; electromechanical components such as connectors, devices for mechanical protection, relays with terminals for printed circuit boards, and micro switches, when incorporated into a final product, will not endanger the user of the final product. Such components, then, do not fall within the scope of the LVD and hence do not need to be CE-Marked.

However, there are other electrical components that can place a user at risk. These should be treated as final electrical products; i.e., they should undergo a risk assessment, be designed and manufactured to comply with the essential requirements, be tested, and CE Marked. Again, the LVD leaves the decision to the manufacturer, who knows the product best.

It is generally accepted that components such as certain transformers and electrical motors should be CE Marked. Components such as these should also undergo a further assessment of the safety aspects related to their incorporation into the final product.

Note: However, items like lamps, starters, fuses, switches for household use, and elements of electrical installations, etc., even if they are often used in conjunction with

other electrical equipment and have to be properly installed in order to function, are still considered electrical equipment under the LVD.

IV. Understanding the Use of Standards

Since the Low Voltage Directive lays down essential requirements in very general terms, standards can be important guides to the manufacturer. Standards interpret the safety objectives and also provide the technical route to compliance.

While compliance with the LVD essential requirements is mandatory, the use of LVD Harmonized Standards is voluntary. However, the Directive instructs the manufacturer in the order in which standards are preferred in the route to compliance.

A. Harmonized Standards

The most direct route to compliance through standards is the use of LVD Harmonized Standards. A manufacturer who uses LVD Harmonized Standards in the design and production of electrical equipment is presumed to be in conformity with the essential requirements of the Directive (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 11). Using Harmonized Standards, the manufacturer is allowed to self-declare compliance with the essential requirements, and is not required to employ a third party to confirm compliance or certificate the product. The use of Harmonized Standards is the most direct route to compliance with any New Approach Directive.

B. International Standards

According to the Directive, International Standards are the next best choice. Where no Harmonized Standards exist, manufacturers are instructed to use standards that emanate from the International Electrotechnical Commission [IEC] (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 16). Note: A significant number of IEC standards are identical to LVD Harmonized Standards (See LVD Harmonized Standards on page 17).

C. National Standards

The third best choice of the Directive is the use of European national standards, to be used when no Harmonized Standards or International Standards exist.

The principle of applying standards, therefore, is the following: LVD Harmonized Standards, which have been developed specifically to deal with the essential requirements of the LVD, provide a presumption of conformity (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 11). In their absence, the manufacturer is entitled to comply with any appropriate specifications that may demonstrate conformity with the safety objectives, or the essential requirements of the

Directive. However, the manufacturer bears the burden of proof that the use of specifications other than LVD Harmonized Standards brings the product into conformance. He may choose to enlist the aid of a Notified Body (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 20) to help him establish proof.

Note: LVD Harmonized Standards take on the presumption of conformity when they are developed by one of the European Standards Bodies (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 10) and published in the Member States as transformed national standards. They are published in the *Official Journal of the European Communities* for information only. Note: In other New Approach Directives, publication in *Official Journal of the European Communities* is a condition of presumption of conformity.

V. Determining the Conformity Assessment Method

The Low Voltage Directive is one of the New Approach Directives that gives the manufacturer the right to conduct conformity assessment procedures (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 4) internally; i.e., without the intervention of a third party. *Annex IV* of the LVD describes the procedure by which the manufacturer or his authorized representative (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 23) declares conformity with the provisions of the Directive. *Conformity Assessment Procedures are mandatory.*

The three main elements to conformity assessment are as follows:

A. Technical documentation.

The manufacturer is required to compile a technical file (See NIST SP 951 A Guide to EU Standards and Conformity Assessment, Page 24), that must contain the following:

- A general description of the electrical equipment;
- Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits, etc.;
- Descriptions and explanations necessary for the understanding of said drawings and schemes and the operation of the electrical equipment;
- A list of the standards applied in full or in part, and descriptions of the solutions adopted to satisfy the safety aspects of this Directive where standards* have not been applied;
- Results of design calculations made, examinations carried out, etc.; and
- Test reports (from the manufacturer or a third party).

*Note: When LVD Harmonized Standards have not been used, or when they have been used only in part, the manufacturer cannot presume that the equipment is in conformity

with the essential requirements of the Directive. The manufacturer is therefore obliged to provide “descriptions of the solutions”, or other technical proof that the equipment complies with the safety objectives of the Directive. The Directive cautions the manufacturer as follows:

“In the event of a challenge, the manufacturer or importer may submit a report, drawn up by a body, which is notified...”

In other words, in certain cases, a manufacturer using standards that do not carry the presumption of conformity might be well advised to enlist the aid of a Notified Body (See NIST SP 951 *A Guide to EU Standards and Conformity Assessment, Page 20*) in providing the required technical proof of conformity. A report by a Notified Body will make matters easier in the event of a challenge by surveillance authorities (See NIST SP 951 *A Guide to EU Standards and Conformity Assessment, Page 34*). However, the decision to employ or not employ a Notified Body is left to the manufacturer.

The Directive instructs the manufacturer (or his authorized representative) to keep the technical file on European Community territory for at least 10 years after the last product has been manufactured. The technical documentation may be in electronic form. In any case, it must be easily accessible to the authorities.

B. Declaration of Conformity (See NIST SP 951 *A Guide to EU Standards and Conformity Assessment, Page 26.*)

The manufacturer must draw up a Declaration of Conformity and keep a copy with the technical file. *Annex III* of the Directive instructs the manufacturer that the Declaration of Conformity must contain the following elements:

- Name and address of the manufacturer or his authorized representative established within the Community;
- A description of the electrical equipment;
- Reference to the harmonized standards;
- Where appropriate, references to the specifications with which conformity is declared;
- Identification of the signatory who has been empowered to enter into commitments on behalf of the manufacturer or his authorized representative established within the Community; and
- The last two digits of the year in which the CE Marking was affixed.

C. CE marking (See NIST SP 951 *A Guide to EU Standards and Conformity Assessment, Page 17.*)

The manufacturer is obliged to place the CE Marking on the electrical equipment. *Annex III* of the Directive instructs the manufacturer on the placing of the CE Marking.



Text of Directive LV 73/23/EEC

The following text of the Directive on Low Voltage (73/23/EEC) has been taken from EUR-Lex, the digital version of the legislation issued in the Official Journal of the European Communities. Web Site: http://www.europa.eu.int/eur-lex/en/lif/dat/1973/en_373L0023.html

Only European Community's legislation printed in the Official Journal of the European Communities is deemed to be authentic.

COUNCIL DIRECTIVE Of 19 February 1973 On The Harmonization Of The Laws Of Member States Relating To Electrical Equipment Designed For Use Within Certain Voltage Limits (73/23/EEC)

THE COUNCIL OF THE EUROPEAN COMMUNITIES,
Having regard to the Treaty establishing the European Economic Community, and in particular Article 100 thereof;
Having regard to the proposal from the Commission;
Having regard to the Opinion of the European Parliament;
Having regard to the Opinion of the Economic and Social Committee;
Whereas the provisions in force in the Member States designed to ensure safety in the use of electrical equipment used within certain voltage limits may differ, thus impeding trade;
Whereas in certain Member States in respect of certain electrical equipment, the safety legislation takes the form of preventive and repressive measures by means of binding provisions;

Whereas in other Member States in order to achieve the same objective, the safety legislation provides for reference to technical standards laid down by Standards Bodies ;
whereas such a system offers the advantage of rapid adjustment to technical progress without neglecting safety requirements;
Whereas certain Member States carry out administrative operations to approve standards ;
whereas such approval neither affects the technical content of the standards in any way nor limits their conditions of use ;
whereas such approval cannot therefore alter the effects, from a Community point of view, of harmonized and published standards;
Whereas within the Community the free movement of electrical equipment should follow when this equipment complies with certain safety requirements recognized in all Member States ;
whereas without prejudice to any other form of proof, the proof of

compliance with these requirements may be established by reference to harmonized standards which incorporate these conditions ; whereas these harmonized standards should be established by common agreement by bodies to be notified by each Member State to the other Member States and to the Commission and should be publicized as widely as possible ; whereas such harmonization should for the purposes of trade eliminate the inconveniences, resulting from differences between national standards;

Whereas, without prejudice to any other form of proof, the compliance of electrical equipment with the harmonized standards may be presumed from the affixing or issue of marks or certificates by the competent organizations or, in the absence thereof, from a manufacturer's declaration of compliance ; whereas in order to facilitate the removal of barriers to trade the Member States should recognize such marks or certificates or such declaration as elements of proof ; whereas, with this end in view, the said marks or certificates should be publicized in particular by their publication in the Official Journal of the European Communities;

Whereas as a transitional measure, the free movement of electrical equipment for which harmonized standards do not yet exist may be achieved by applying the safety provisions or standards already laid down by other international bodies or by one of the bodies which establish harmonized standards;

Whereas it is possible that electrical equipment may be placed in free circulation even though it does not comply with the safety requirements, and whereas it is therefore desirable to lay down suitable provisions to minimize this danger;
HAS ADOPTED THIS DIRECTIVE:

Article 1

For the purposes of this Directive "electrical

equipment" means any 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.

Article 2

1. The Member States shall take all appropriate measures to ensure that electrical equipment may be placed on the market only if, having been constructed in accordance with good engineering practice in safety matters in force in the Community, it does not endanger the safety of persons, domestic animals or property when properly installed and maintained and used in applications for which it was made.

2. The principal elements of the safety objectives referred to in paragraph 1 are listed in Annex I.

Article 3

The Member States shall take all appropriate measures to ensure that if electrical equipment is of such a nature as to comply with the provisions of Article 2, subject to the conditions laid down in Articles 5, 6, 7 and 8, the free movement thereof within the Community shall not be impeded for reasons of safety.

Article 4

In relation to electrical equipment the Member States shall ensure that stricter safety requirements than those laid down in Article 2 are not imposed by electricity supply bodies for connection to the grid, or for the supply of electricity to users of electrical equipment.

Article 5

The Member States shall take all appropriate measures to ensure that, in particular, electrical equipment which complies with the safety provisions of harmonized standards shall be regarded by their competent

administrative authorities as complying with the provisions of Article 2, for the purposes of placing on the market and free movement as referred to in Articles 2 and 3 respectively. Standards shall be regarded as harmonized once they are drawn up by common agreement between the bodies notified by the Member States in accordance with the procedure laid down in Article 11, and published under national procedures. The standards shall be kept up to date in the light of technological progress and the developments in good engineering practice in safety matters.

For purposes of information the list of harmonized standards and their references shall be published in the Official Journal of the European Communities.

Article 6

1. Where harmonized standards as defined in Article 5 have not yet been drawn up and published, the Member States shall take all appropriate measures to ensure that, for the purposes of placing on the market or free movement as referred to in Articles 2 and 3 respectively, their competent administrative authorities shall also regard, as complying with the provisions of Article 2, electrical equipment which complies with the safety provisions of the International Commission on the Rules for the Approval of Electrical Equipment (CEE) or of the International Electrotechnical Commission (IEC) in respect of which the publication procedure laid down in paragraphs 2 and 3 has been applied.

2. The safety provisions referred to in paragraph 1 shall be notified to the Member States by the Commission as from the entry into force of this Directive, and thereafter as and when they are published. The Commission, after consulting the Member States, shall state the provisions and in particular the variants which it recommends to be published.

3. The Member States shall inform the Commission within a period of three months

of such objections as they may have to the provisions thus notified, stating the safety grounds on account of which the provisions should not be recognized.

For purposes of information those safety provisions against which no objection has been raised shall be published in the Official Journal of the European Communities.

Article 7

Where harmonized standards within the meaning of Article 5 or safety provisions published in accordance with Article 6 are not yet in existence, the Member States shall take all appropriate measures to ensure that, for the purpose of placing on the market or free movement as referred to in Articles 2 and 3 respectively, their competent administrative authorities shall also regard as complying with the provisions of Article 2, electrical equipment manufactured in accordance with the safety provisions of the standards in force in the Member State of manufacture, if it ensures a safety level equivalent to that required in their own territory.

Article 8

1. The Member States shall take all appropriate steps to ensure that their competent administrative authorities shall also allow the placing on the market or free movement, as referred to in Articles 2 and 3 respectively, of electrical equipment which, although not conforming with the harmonized standards referred to in Article 5 or the provisions of Articles 6 and 7, complies with the provisions of Article 2.

2. In the event of a challenge the manufacturer or importer may submit a report, drawn up by a body, which is notified in accordance with the procedure set out in Article 11, on the conformity of the electrical equipment with the provisions of Article 2.

Article 9

1. If, for safety reasons, a Member State prohibits the placing on the market of any electrical equipment or impedes its free movement, it shall immediately inform the other Member States concerned and the Commission, indicating the grounds for its decision and stating in particular: - whether its non-conformity with Article 2 is attributable to a shortcoming in the harmonized standards referred to in Article 5, the provisions referred to in Article 6 or the standards referred to in Article 7;

- whether its non-conformity is attributable to faulty application of such standards or publications or to failure to comply with good engineering practice as referred to in Article 2.

2. If other Member States raise objections to the decision referred to in paragraph 1, the Commission shall immediately consult the Member States concerned.

3. If an agreement has not been reached within three months from the date of notification as laid down in paragraph 1, the Commission shall obtain the opinion of one of the bodies notified in accordance with the procedure laid down in Article 11 having its registered office outside the territory of the Member States concerned and which has not been involved in the procedure provided for in Article 8. The opinion shall state the extent to which the provisions of Article 2 have not been complied with.

4. The Commission shall communicate the opinion of this body to all the Member States which may, within a period of one month, make their observations known to the Commission. The Commission shall at the same time note any observations by the parties concerned on the abovementioned opinion.

5. Having taken note of these observations the Commission shall, if necessary, formulate the appropriate recommendations or

opinions.

Article 10

. Without prejudice to other methods of proof, the Member States shall take all appropriate steps to ensure that their competent administrative authorities shall accept that there is a presumption of conformity with the provisions of Articles 5, 6 and 7 where a mark has been placed on the electrical equipment denoting conformity, or where a certificate of conformity is produced or, in the absence thereof, and in particular in the case of industrial equipment, the manufacturer's declaration of conformity.

2. The marks or certificates shall be established, separately or by common agreement, by the bodies notified in accordance with the procedure laid down in Article 11. Specimens of these marks or certificates shall be published by these bodies and, for information purposes in the Official Journal of the European Communities.

Article 11

Each Member State shall inform the other Member States and the Commission of the following: - the bodies referred to in Article 5; - the bodies which may establish the marks and certificates in accordance with the provisions of Article 10; - the bodies which may make a report in accordance with the provisions of Article 8 or give an opinion in accordance with the provisions of Article 9; - the place of publication referred to in Article 5 (2);

Any amendment to the above shall be notified by each Member State to the other Member States and to the Commission.

Article 12

This Directive shall not apply to electrical

equipment intended for export to third countries.

Article 13

1. The Member States shall put into force the laws, regulations and administrative provisions necessary to comply with the requirements of this Directive within eighteen months of its notification and shall forthwith inform the Commission thereof.

However, in the case of Denmark, the time limit shall be extended to five years.

2. The Member States shall communicate to the Commission the texts of the main provisions of national laws which they adopt in the field covered by this Directive.

Article 14

This Directive is addressed to the Member States.

Done at Brussels, 19 February 1973.

For the Council

The President

A. LAVENS

ANNEX I PRINCIPAL ELEMENTS OF THE SAFETY OBJECTIVES FOR ELECTRICAL EQUIPMENT DESIGNED FOR USE WITHIN CERTAIN VOLTAGE LIMITS

1. General conditions
- The essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made, shall be marked on the equipment, or, if this is not possible, on an accompanying notice.
 - The manufacturers or brand name or trade mark should be clearly printed on the electrical equipment or, where that is not possible, on the packaging.
 - The electrical equipment, together with its component parts should be made in such a way as to ensure that it can be safely and properly assembled and connected.
 - The electrical equipment should be so

designed and manufactured as to ensure that protection against the hazards set out in points 2 and 3 of this Annex is assured providing that the equipment is used in applications for which it was made and is adequately maintained.

2. Protection against hazards arising from the electrical equipment

Measures of a technical nature should be prescribed in accordance with point 1, in order to ensure: a) that persons and domestic animals are adequately protected against danger of physical injury or other harm which might be caused by electrical contact direct or indirect;

b) that temperatures, arcs or radiation which would cause a danger, are not produced;

c) that persons, domestic animals and property are adequately protected against non-electrical dangers caused by the electrical equipment which are revealed by experience;

d) that the insulation must be suitable for foreseeable conditions.

3. Protection against hazards which may be caused by external influences on the electrical equipment

Technical measures are to be laid down in accordance with point 1, in order to ensure:

a) that the electrical equipment meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered;

b) that the electrical equipment shall be resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered;

c) that the electrical equipment shall not endanger persons, domestic animals and property in foreseeable conditions of overload.

ANNEX II EQUIPMENT AND PHENOMENA OUTSIDE THE SCOPE OF THE DIRECTIVE

Electrical equipment for use in an explosive atmosphere
Electrical equipment for radiology and medical purposes
Electrical parts for goods and passenger lifts
Electricity meters
Plugs and socket outlets for domestic use
Electric fence controllers
Radio-electrical interference
Specialized electrical equipment, for use on ships, aircraft or railways, which complies with the safety provisions drawn up by international bodies in which the Member States participate.

Directive 73/23/EEC is hereby amended as follows:

in the preamble the following two recitals are added to the end:

'Whereas Decision 90/683/EEC (*) establishes the modules for the various phases of the conformity assessment procedures which are intended to be used in the technical harmonization Directives; Whereas the choice of procedures must not lead to a lowering of safety standards of electrical equipment, which have already been established throughout the Community, (*) OJ No L 380, 31. 12. 1990, p. 13.;

2. in Article 8 the first paragraph is replaced by the following text:

'1. Before being placed on the market, the electrical equipment referred to in Article 1 must have affixed to it the CE marking provided for in Article 10 attesting to its conformity to the provisions of this Directive, including the conformity assessment procedure described in Annex IV.;

3. the following paragraph 3 is added to Article 8:

'3. (a) Where electrical equipment is subject to other Directives concerning other aspects which also provide for the affixing of the CE marking, the latter shall indicate that the equipment in question is also presumed to

conform to the provisions of those other Directives.

(b) However, where one or more of these Directives allow the manufacturer, during a transitional period, to choose which arrangements to apply, the CE marking shall indicate conformity to the provisions only of those Directives applied by the manufacturer. In this case, particulars of the Directives applied, as published in the Official Journal of the European Communities, must be given in the documents, notices or instructions required by the Directives and accompanying the electrical equipment.;

4. Article 10 is replaced by the following text: 'Article 10

1. The CE conformity marking referred to in Annex III shall be affixed by the manufacturer or his authorized representative established within the Community to the electrical equipment or, failing that, to the packaging, the introduction sheet or the guarantee certificate so as to be visible, easily legible and indelible.

2. The affixing on electrical equipment of any markings liable to deceive third parties as to the meaning and form of the CE marking shall be prohibited. However, any other marking may be affixed to the electrical equipment, its packaging, the instruction sheet or the guarantee certificate provided that the visibility and legibility of the CE marking is not thereby reduced.

3. Without prejudice to Article 9:

(a) where a Member State establishes that the CE marking has been affixed unduly, the manufacturer or his agent established within the Community market shall be obliged to make the electrical equipment comply as regards the provisions concerning the CE marking and to end the infringement under conditions imposed by the Member State; (b) where non-compliance continues, the Member State must take all appropriate measures to restrict or prohibit the placing on the market of the electrical equipment in question or to ensure that it is withdrawn

from the market in accordance with the procedure laid down in Article 9.;

5. in Article 11 the second indent is deleted;

6. the following Annexes are added:

ANNEX III

CE CONFORMITY MARKING AND EC DECLARATION OF CONFORMITY

A. CE conformity marking

The CE conformity marking shall consist of the initials "CE " taking the following form:

- If the CE marking is reduced or enlarged the proportions given in the above graduated drawing must be respected.

- The various components of the CE marking must have substantially the same vertical dimension, which may not be less than 5 mm.

B. EC declaration of conformity

The EC declaration of conformity must contain the following elements:

- name and address of the manufacturer or his authorized representative established within the Community,
- a description of the electrical equipment,
- reference to the harmonized standards,
- where appropriate, references to the specifications with which conformity is declared,
- identification of the signatory who has been empowered to enter into commitments on behalf of the manufacturer or his authorized representative established within the Community,
- the last two digits of the year in which the CE marking was affixed.

ANNEX IV

INTERNAL PRODUCTION CONTROL

1. Internal production control is the procedure whereby the manufacturer or his authorized representative established within the Community, who carries out the obligations laid down in point 2, ensures and declares that the electrical equipment satisfies the requirements of this Directive that apply to it. The manufacturer or his authorized representative established within

the Community must affix the CE marking to each product and draw up a written declaration of conformity.

2. The manufacturer must establish the technical documentation described in point 3 and he or his authorized representative established within the Community must keep it on Community territory at the disposal of the relevant national authorities for inspection purposes for a period ending at least 10 years after the last product has been manufactured.

Where neither the manufacturer nor his authorized representative is established within the Community, this obligation is the responsibility of the person who places the electrical equipment on the Community market.

3. Technical documentation must enable the conformity of the electrical equipment to the requirements of this Directive to be assessed. It must, as far as relevant for such assessment, cover the design, manufacture and operation of the electrical equipment. It must include:

- a general description of the electrical equipment,
- conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits, etc.,
- descriptions and explanations necessary for the understanding of said drawings and schemes and the operation of the electrical equipment,
- a list of the standards applied in full or in part, and descriptions of the solutions adopted to satisfy the safety aspects of this Directive where standards have not been applied,
- results of design calculations made, examinations carried out, etc.
- test reports.

4. The manufacturer or his authorized representative must keep a copy of the declaration of conformity with the technical documentation.

5. The manufacturer must take all measures

necessary in order that the manufacturing process shall ensure compliance of the manufactured products with the technical documentation referred to in point 2 and with the requirements of this Directive that apply

to them.'

LVD HARMONIZED STANDARDS

Commission communication in the framework of the implementation of Council Directive 73/23/EEC of 19 February 1973 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits ⁽¹⁾, as amended by Directive 93/68/EEC ⁽²⁾

April 2000

(2000/C 108/08)

(Text with EEA relevance)

(Publication of titles and references of harmonised standards under the Directive)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 41003:1993 Particular safety requirements for equipment to be connected to telecommunication networks		EN 41003:1991 Note 2.1	Date expired (15.9.1993)
Cenelec	EN 41003:1996 Particular safety requirements for equipment to be connected to telecommunication networks		EN 41003:1993 Note 2.1	1.1.2002
Cenelec	EN 41003:1998 Particular safety requirements for equipment to be connected to telecommunication networks		EN 41003:1996 Note 2.1	1.1.2002
Cenelec	EN 50060:1989 Power sources for manual metal arc welding with limited duty Amendment A1:1994 to EN 50060:1989		None Note 3	— 15.3.2000
Cenelec	EN 50063:1989 Safety requirements for the construction and the installation of equipment for resistance welding and allied processes		None	—
Cenelec	EN 50065-1:1991 Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz — Part 1: General requirements, frequency bands and electromagnetic disturbances Amendment A3:1996 to EN 50065-1:1991		None Note 3	— Date expired (1.3.1997)
Cenelec	EN 50078:1993 Torches and guns for arc welding		None	—
Cenelec	EN 50083-1:1993 Cabled distribution systems for television, sound and interactive multimedia signals — Part 1: Safety requirements Amendment A2:1997 to EN 50083-1:1993		None Note 3	— —
Cenelec	EN 50083-3:1994 Cabled distribution systems for television and sound signals — Part 3: Active coaxial wideband distribution equipment		None	—

⁽¹⁾ OJ L 77, 26.3.1973.

⁽²⁾ OJ L 220, 30.8.1993.

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 50083-3:1998 Cable networks for television signals, sound signals and interactive services — Part 3: Active wideband equipment for coaxial cable networks		EN 50083-3:1994 Note 2.1	Date expired (1.12.1999)
Cenelec	EN 50083-4:1994 Cabled distribution systems for television and sound signals — Part 4: Passive coaxial wideband distribution equipment		None	—
Cenelec	EN 50083-4:1998 Cable networks for television signals, sound signals and interactive services — Part 4: Passive wideband equipment for coaxial cable networks		EN 50083-4:1994 Note 2.1	Date expired (1.12.1999)
Cenelec	EN 50083-5:1994 Cable networks for television signals, sound signals and interactive services — Part 5: Headend equipment		None	—
Cenelec	EN 50083-6:1994 Cabled distribution systems for television and sound signals — Part 6: Optical equipment		None	—
Cenelec	EN 50083-6:1997 Cable networks for television signals, sound signals and interactive services — Part 6: Optical equipment		EN 50083-6:1994 Note 2.1	1.7.2003
Cenelec	EN 50084:1992 Safety of household and similar electrical appliances — Requirements for the connection of washing machines, dishwashers and tumble-dryers to the water mains Amendment A1:1998 to EN 50084:1992		None Note 3	— 1.4.2005
Cenelec	EN 50085-1:1997 Cable trunking systems and cable ducting systems for electrical installations — Part 1: General requirements		None	—
Cenelec	EN 50085-2-3:1999 Cable trunking systems and cable ducting systems for electrical installations — Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets		None	—
Cenelec	EN 50086-1:1993 Conduit systems for electrical installations — Part 1: General requirements		None	—
Cenelec	EN 50086-2-1:1995 Conduit systems for electrical installations — Part 2-1: Particular requirements for rigid conduit systems Amendment A11:1998 to EN 50086-2-1:1995		None Note 3	— —
Cenelec	EN 50086-2-2:1995 Conduit systems for electrical installations — Part 2-2: Particular requirements for pliable conduit systems Amendment A11:1998 to EN 50086-2-2:1995		None Note 3	— —

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 50086-2-3:1995 Conduit systems for electrical installations — Part 2-3: Particular requirements for flexible conduit systems Amendment A11:1998 to EN 50086-2-3:1995		None Note 3	— —
Cenelec	EN 50086-2-4:1994 Conduit systems for electrical installations — Part 2-4: Particular requirements for conduit systems buried underground		None	—
Cenelec	EN 50087:1993 Safety of household and similar electrical appliances — Particular requirements for bulk-milk coolers		None	—
Cenelec	EN 50090-2-2:1996 Home and building electronic systems (HBES) — Part 2-2: System overview — General technical requirements		None	—
Cenelec	EN 50091-1:1993 Uninterruptible power systems (UPS) — Part 1: General and safety requirements		None	—
Cenelec	EN 50091-1-1:1996 Uninterruptible power systems (UPS) — Part 1-1: General and safety requirements for UPS used in operator access areas		EN 50091-1:1993 Note 2.3	1.6.2002
Cenelec	EN 50110-1:1996 Operation of electrical installations	EN 50110-1:1996	None	—
Cenelec	EN 50110-2:1996 Operation of electrical installations (national annexes)		None	—
Cenelec	EN 50132-2-1:1997 Alarm systems — CCTV surveillance systems for use in security applications — Part 2-1: Black and white cameras		None	—
Cenelec	EN 50165:1997 Electrical equipment of non-electric appliances for household and similar purposes — Safety requirements		None	—
Cenelec	EN 50178:1997 Electronic equipment for use in power installations		None	—
Cenelec	EN 50192:1995 Arc welding equipment — Plasma cutting systems for manual use		None	—
Cenelec	EN 50214:1997 Flexible cables for lifts		HD 359 S2:1990 Note 2.3	Date expired (1.12.1998)

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 50265-1:1998 Common test methods for cables under fire conditions — Test for resistance to vertical flame propagation for a single insulated conductor or cable — Part 1: Apparatus		HD 405.1 S1:1983 and its amendment +HD 405.2 S1:1991 Note 2.1	1.3.2000
Cenelec	EN 50265-2-1:1998 Common test methods for cables under fire conditions — Test for resistance to vertical flame propagation for a single insulated conductor or cable — Part 2-1: Procedures — 1 kW pre-mixed flame		HD 405.1 S1:1983 and its amendment Note 2.1	1.3.2000
Cenelec	EN 50265-2-2:1998 Common test methods for cables under fire conditions — Test for resistance to vertical flame propagation for a single insulated conductor or cable — Part 2-2: Procedures — Diffusion flame		HD 405.2 S1:1991 Note 2.1	1.3.2000
Cenelec	EN 50267-1:1998 Common test methods for cables under fire conditions — Tests on gases evolved during combustion of materials from cables — Part 1: Apparatus		HD 602 S1:1992 Note 2.1	1.3.2000
Cenelec	EN 50267-2-1:1998 Common test methods for cables under fire conditions — Tests on gases evolved during combustion of materials from cables — Part 2-1: Procedures — Determination of the amount of halogen acid gas		None	—
Cenelec	EN 50267-2-2:1998 Common test methods for cables under fire conditions — Tests on gases evolved during combustion of materials from cables — Part 2-2: Procedures — Determination of degree of acidity of gases for materials by measuring pH and conductivity		None	—
Cenelec	EN 50267-2-3:1998 Common test methods for cables under fire conditions — Tests on gases evolved during combustion of materials from cables — Part 2-3: Procedures — Determination of degree of acidity of gases for cables by determination of the weighted average of pH and conductivity		HD 602 S1:1992 Note 2.1	1.3.2000
Cenelec	EN 50268-1:1999 Common test methods for cables under fire conditions — Measurement of smoke density of cables burning under defined conditions — Part 1: Apparatus		HD 606.1 S1:1992 Note 2.1	1.4.2001

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 50268-2:1999 Common test methods for cables under fire conditions — Measurement of smoke density of cables burning under defined conditions — Part 2: Procedure		HD 606.2 S1:1992 Note 2.1	1.4.2001
Cenelec	EN 50298:1998 Empty enclosures for low-voltage switchgear and controlgear assemblies — General requirements		None	—
Cenelec	EN 50319:1999 Proximity devices — Requirements for proximity devices with analogue output		None	—
Cenelec	EN 60034-1:1995 Rotating electrical machines — Part 1: Rating and performance Amendment A1:1996 to EN 60034-1:1995 Amendment A2:1997 to EN 60034-1:1995	IEC 60034-1:1994 (Modified) IEC 60034-1:1994 /A1:1996 IEC 60034-1:1994 /A2:1997	None Note 3 Note 3	— 1.4.2002 1.4.2003
Cenelec	EN 60034-1:1998 Rotating electrical machines — Part 1: Rating and performance Amendment A1:1998 to EN 60034-1:1998 Amendment A2:1999 to EN 60034-1:1998	IEC 60034-1:1996 (Modified) IEC 60034-1:1996 /A1:1997 IEC 60034-1:1996 /A2:1999	EN 60034-1:1995 and its amendments Note 2.1 Note 3 Note 3	1.4.2000 1.4.2000 1.8.2002
Cenelec	EN 60034-2:1996 Rotating electrical machines — Part 2: Methods for determining losses and efficiency of rotating electrical machinery from tests (excluding machines for traction vehicles) Amendment A2:1996 to EN 60034-2:1996 Amendment A1:1996 to EN 60034-2:1996	IEC 60034-2:1972 +IEC 60034-2A:1974 IEC 60034-2:1972 /A2:1996 IEC 60034-2:1972 /A1:1995	None Note 3 Note 3	— 1.6.2002 1.6.2002
Cenelec	EN 60034-4:1995 Rotating electrical machines — Part 4: Methods for determining synchronous machines quantities from tests	IEC 60034-4:1985 (Modified)	None	—
Cenelec	EN 60034-5:1986 Rotating electrical machines — Part 5: Classification of degrees of protection provided by enclosures for rotating machinery	IEC 60034-5:1981 (Modified)	None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60034-6:1993 Rotating electrical machines — Part 6: Methods of cooling (IC Code)	IEC 60034-6:1991	None	—
Cenelec	EN 60034-7:1993 Rotating electrical machines — Part 7: Classification of types of construction and mounting arrangements (IM Code)	IEC 60034-7:1992	None	—
Cenelec	EN 60034-9:1993 Rotating electrical machines — Part 9: Noise limits Amendment A1:1995 to EN 60034-9:1993	IEC 60034-9:1990 (Modified) IEC 60034-9:1990 /A1:1995	None Note 3	— 15.2.2001
Cenelec	EN 60034-9:1997 Rotating electrical machines — Part 9: Noise limits	IEC 60034-9:1997	EN 60034-9:1993 and its amendment Note 2.1	1.5.2003
Cenelec	EN 60034-12:1995 Rotating electrical machines — Part 12: Starting performance of single-speed three-phase cage induction motors for voltages up to and including 690 V, 50 Hz Amendment A2:1995 to EN 60034-12:1995 Amendment A11:1999 to EN 60034-12:1995	IEC 60034-12:1980 +A1:1992 (Modified) IEC 60034-12:1980 /A2:1995	None Note 3 Note 3	— 1.1.2002 1.1.2002
Cenelec	EN 60034-14:1996 Rotating electrical machines — Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher — Measurement, evaluation and limits of vibration	IEC 60034-14:1996	HD 53.14 S1:1992 Note 2.1	1.8.2002
Cenelec	EN 60034-16-1:1995 Rotating electrical machines — Part 16: Excitation systems for synchronous machines — Chapter 1: Definitions	IEC 60034-16-1:1991	None	—
Cenelec	EN 60034-18-1:1994 Rotating electrical machines — Part 18: Functional evaluation of insulation systems — Section 1: General guidelines Amendment A1:1996 to EN 60034-18-1:1994	IEC 60034-18-1:1992 IEC 60034-18-1:1992 /A1:1996	None Note 3	— 1.8.2002
Cenelec	EN 60034-18-21:1994 Rotating electrical machines — Part 18: Functional evaluation of insulation systems — Section 21: Test procedures for wire-wound windings — Thermal evaluation and classification Amendment A1:1996 to EN 60034-18-21:1994 Amendment A2:1996 to EN 60034-18-21:1994	IEC 60034-18-21:1992 IEC 60034-18-21:1992 /A1:1994 IEC 60034-18-21:1992 /A2:1996	None Note 3 Note 3	— 1.9.2002 1.9.2002

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60034-18-31:1994 Rotating electrical machines — Part 18: Functional evaluation of insulation systems — Section 31: Test procedures for form-wound windings — Thermal evaluation and classification of insulation systems used in machines up to and including 50 MVA and 15 kV Amendment A1:1996 to EN 60034-18-31:1994	IEC 60034-18-31:1992 IEC 60034-18-31:1992 /A1:1996	None Note 3	— 1.8.2002
Cenelec	EN 60051-1:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 1: Definitions and general requirements common to all parts Amendment A1:1995 to EN 60051-1:1989 Amendment A2:1995 to EN 60051-1:1989	IEC 60051-1:1984 IEC 60051-1:1984 /A1:1994 IEC 60051-1:1984 /A2:1995	None Note 3 Note 3	— 15.2.2001 15.2.2001
Cenelec	EN 60051-1:1998 Direct acting indicating analog electrical measuring instruments and their accessories — Part 1: Definitions and general requirements common to all parts	IEC 60051-1:1997	EN 60051-1:1989 and its amendments Note 2.1	Date expired (1.9.1999)
Cenelec	EN 60051-2:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 2: Special requirements for ammeters and voltmeters	IEC 60051-2:1984	None	—
Cenelec	EN 60051-3:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 3: Special requirements for wattmeters and varmeters Amendment A1:1995 to EN 60051-3:1989	IEC 60051-3:1984 IEC 60051-3:1984 /A1:1994	None Note 3	— 1.10.2000
Cenelec	EN 60051-4:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 4: Special requirements for frequency meters	IEC 60051-4:1984	None	—
Cenelec	EN 60051-5:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 5: Special requirements for phase meters, power factor meters and synchrosopes	IEC 60051-5:1985	None	—
Cenelec	EN 60051-6:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 6: Special requirements for ohmmeters (impedance meters) and conductance meters	IEC 60051-6:1984	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60051-7:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 7: Special requirements for multi-function instruments	IEC 60051-7:1984	None	—
Cenelec	EN 60051-8:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 8: Special requirements for accessories	IEC 60051-8:1984	None	—
Cenelec	EN 60051-9:1989 Direct acting indicating analog electrical measuring instruments and their accessories — Part 9: Recommended test methods Amendment A1:1995 to EN 60051-9:1989 Amendment A2:1995 to EN 60051-9:1989	IEC 60051-9:1988 IEC 60051-9:1988 /A1:1994 IEC 60051-9:1988 /A2:1995	None Note 3 Note 3	— 15.2.2001 15.2.2001
Cenelec	EN 60061-1:1993 Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 1: Lamp caps Amendment A1:1995 to EN 60061-1:1993 Amendment A2:1995 to EN 60061-1:1993 Amendment A3:1995 to EN 60061-1:1993 Amendment A4:1996 to EN 60061-1:1993 Amendment A5:1996 to EN 60061-1:1993 Amendment A6:1996 to EN 60061-1:1993 Amendment A7:1997 to EN 60061-1:1993 Amendment A21:1998 to EN 60061-1:1993 Amendment A22:1999 to EN 60061-1:1993 Amendment A23:1999 to EN 60061-1:1993	IEC 60061-1:1969 +IEC 60061-1L:1987 +IEC 60061-1N:1992 (Modified) IEC 60061-1P:1994 IEC 60061-1Q:1994 IEC 60061-1R:1995 IEC 60061-1S:1996 IEC 60061-1T:1996 IEC 60061-1U:1996 IEC 60061-1V:1997 IEC 60061-1:1969 /A21:1998 IEC 60061-1:1969 /A22:1999 IEC 60061-1:1969 /A23:1999	None Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4	— 1.12.2000 1.9.2001 1.9.2001 1.12.2001 1.4.2002 1.7.2002 1.2.2003 1.4.2005 1.4.2006 1.8.2006
Cenelec	EN 60061-2:1993 Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 2: Lampholders Amendment A1:1995 to EN 60061-2:1993 Amendment A3:1995 to EN 60061-2:1993 Amendment A2:1995 to EN 60061-2:1993 Amendment A4:1996 to EN 60061-2:1993 Amendment A5:1996 to EN 60061-2:1993 Amendment A6:1996 to EN 60061-2:1993 Amendment A7:1997 to EN 60061-2:1993 Amendment A18:1998 to EN 60061-2:1993 Amendment A19:1999 to EN 60061-2:1993 Amendment A20:1999 to EN 60061-2:1993	IEC 60061-2:1969 +IEC 60061-2H:1987 +IEC 60061-2I:1990 +IEC 60061-2K:1992 (Modified) IEC 60061-2L:1994 IEC 60061-2N:1995 IEC 60061-2M:1994 IEC 60061-2P:1996 IEC 60061-2Q:1996 IEC 60061-2R:1996 IEC 60061-2S:1997 IEC 60061-2:1969 /A18:1998 IEC 60061-2:1969 /A19:1999 IEC 60061-2:1969 /A20:1999	None Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4	— 1.12.2000 1.9.2001 1.9.2001 1.12.2001 1.4.2002 1.7.2002 1.2.2003 1.4.2005 1.4.2006 1.8.2006

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60061-3:1993 Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 3: Gauges Amendment A1:1995 to EN 60061-3:1993 Amendment A2:1995 to EN 60061-3:1993 Amendment A3:1995 to EN 60061-3:1993 Amendment A4:1996 to EN 60061-3:1993 Amendment A5:1996 to EN 60061-3:1993 Amendment A6:1996 to EN 60061-3:1993 Amendment A7:1997 to EN 60061-3:1993 Amendment A20:1998 to EN 60061-3:1993 Amendment A21:1999 to EN 60061-3:1993 Amendment A22:1999 to EN 60061-3:1993	IEC 60061-3:1969 +IEC 60061-3M:1992 (Modified) IEC 60061-3N:1994 IEC 60061-3P:1994 IEC 60061-3Q:1995 IEC 60061-3R:1996 IEC 60061-3S:1996 IEC 60061-3T:1996 IEC 60061-3U:1997 IEC 60061-3:1969 /A20:1998 IEC 60061-3:1969 /A21:1999 IEC 60061-3:1969 /A22:1999	None Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4 Note 4	— 1.12.2000 1.9.2001 1.9.2001 1.12.2001 1.4.2002 1.7.2002 1.2.2003 1.4.2005 1.4.2006 1.8.2006
Cenelec	EN 60061-4:1992 Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 4: Guidelines and general information Amendment A1:1995 to EN 60061-4:1992 Amendment A3:1995 to EN 60061-4:1992 Amendment A2:1995 to EN 60061-4:1992 Amendment A5:1998 to EN 60061-4:1992	IEC 60061-4:1990 (Modified) IEC 60061-4A:1992 +IEC 60061-4B:1994 IEC 60061-4D:1995 IEC 60061-4C:1994 IEC 60061-4:1990 /A5:1998	None Note 4 Note 4 Note 4 Note 4	— 1.9.2001 1.9.2001 1.9.2001 1.4.2005
Cenelec	EN 60065:1993 Safety requirements for mains operated electronic and related apparatus for household and similar general use Amendment A11:1997 to EN 60065:1993	IEC 60065:1985 +A1:1987 +A2:1989 +A3:1992 (Modified)	None Note 3	— —
Cenelec	EN 60065:1998 Audio, video and similar electronic apparatus — Safety requirements	IEC 60065:1998 (Modified)	EN 60065:1993 and its amendment Note 2.1	1.8.2002
Cenelec	EN 60081:1989 Tubular fluorescent lamps for general lighting services Amendment A3:1993 to EN 60081:1989 Amendment A4:1994 to EN 60081:1989 Amendment A5:1995 to EN 60081:1989	IEC 60081:1984 +A1:1987 +A2:1988 IEC 60081:1984 /A3:1992 IEC 60081:1984 /A4:1993 IEC 60081:1984 /A5:1994	None Note 3 Note 3 Note 3	— Date expired (1.10.1999) 15.7.2000 15.2.2001
Cenelec	EN 60110-1:1998 Power capacitors for induction heating installations — Part 1: General	IEC 60110-1:1998	HD 207 S1:1977 Note 2.1	1.5.2001

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60127-1:1991 Miniature fuses — Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links	IEC 60127-1:1988	None	—
Cenelec	EN 60127-2:1991 Miniature fuses — Part 2: Cartridge fuse-links Amendment A1:1995 to EN 60127-2:1991	IEC 60127-2:1989 IEC 60127-2:1989 /A1:1995	None Note 3	— 1.7.2001
Cenelec	EN 60127-3:1991 Miniature fuses — Part 3: Sub-miniature fuse-links	IEC 60127-3:1988	None	—
Cenelec	EN 60127-3:1996 Miniature fuses — Part 3: Sub-miniature fuse-links	IEC 60127-3:1988 +A1:1991	EN 60127-3:1991 Note 2.1	1.12.2001
Cenelec	EN 60127-4:1996 Miniature fuses — Part 4: Universal Modular fuse-links (UMF)	IEC 60127-4:1996	None	—
Cenelec	EN 60127-6:1994 Miniature fuses — Part 6: Fuse-holders for miniature fuse-links Amendment A1:1996 to EN 60127-6:1994	IEC 60127-6:1994 IEC 60127-6:1994 /A1:1996	None Note 3	— 1.12.2001
Cenelec	EN 60143-1:1993 Series capacitors for power systems — Part 1: General — Performance, testing and rating — Safety requirements — Guide for installation	IEC 60143-1:1992 (Modified)	None	—
Cenelec	EN 60143-2:1994 Series capacitors for power systems — Part 2: Protective equipment for series capacitor banks	IEC 60143-2:1994	None	—
Cenelec	EN 60155:1995 Glow-starters for fluorescent lamps Amendment A1:1995 to EN 60155:1995	IEC 60155:1993 IEC 60155:1993 /A1:1995	None Note 3	— 1.9.2001
Cenelec	EN 60188:1988 High-pressure mercury vapour lamps Amendment A1:1990 to EN 60188:1988 Amendment A5:1993 to EN 60188:1988	IEC 60188:1974 +A1:1976 +A2:1979 +A3:1984 (Modified) IEC 60188:1974 /A4:1988 (Modified) IEC 60188:1974 /A5:1991 (Modified)	None Note 3 Note 3	— Date expired (15.6.1996) Date expired (1.3.1999)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60204-1:1992 Safety of machinery — Electrical equipment of machines — Part 1: General requirements	IEC 60204-1:1992 (Modified)	EN 60204-1:1986 +A1:1988 Note 2.1	Date expired (1.12.1998)
Cenelec	EN 60204-1:1997 Safety of machinery — Electrical equipment of machines — Part 1: General requirements	IEC 60204-1:1997	EN 60204-1:1992 Note 2.1	1.7.2001
Cenelec	EN 60204-3-1:1990 Electrical equipment of industrial machines — Part 3: Particular requirements for sewing machines, units and systems	IEC 60204-3-1:1988	None	—
Cenelec	EN 60215:1989 Safety requirements for radio transmitting equipment Amendment A1:1992 to EN 60215:1989 Amendment A2:1994 to EN 60215:1989	IEC 60215:1987 IEC 60215:1987 /A1:1990 IEC 60215:1987 /A2:1993	None Note 3 Note 3	— Date expired (1.6.1993) Date expired (15.7.1995)
Cenelec	EN 60238:1992 Edison screw lampholders Amendment A1:1995 to EN 60238:1992 Amendment A2:1995 to EN 60238:1992	IEC 60238:1991 (Modified) IEC 60238:1991 /A1:1993 IEC 60238:1991 /A2:1995	None Note 3 Note 3	— 1.12.2000 1.5.2001
Cenelec	EN 60238:1996 Edison screw lampholders Amendment A2:1998 to EN 60238:1996 Amendment A1:1997 to EN 60238:1996	IEC 60238:1996 IEC 60238:1996 /A2:1997 IEC 60238:1996 /A1:1997	EN 60238:1992 and its amendments Note 2.1 Note 3 Note 3	1.4.2002 Date expired (1.10.1998) 1.1.2003
Cenelec	EN 60238:1998 Edison screw lampholders	IEC 60238:1998	EN 60238:1996 and its amendments Note 2.1	1.10.2005
Cenelec	EN 60252:1994 A.C. motor capacitors	IEC 60252:1993 (Modified)	None	—
Cenelec	EN 60269-1:1989 Low-voltage fuses — Part 1: General requirements Amendment A2:1998 to EN 60269-1:1989 Amendment A1:1994 to EN 60269-1:1989	IEC 60269-1:1986 IEC 60269-1:1986 /A2:1995 IEC 60269-1:1986 /A1:1994	None EN 60269-1:1989 /A2:1997 Note 3	— Date expired (1.7.1999) 1.3.2000
Cenelec	EN 60269-1:1998 Low-voltage fuses — Part 1: General requirements	IEC 60269-1:1998	EN 60269-1:1989 and its amendments Note 2.1	1.7.2001

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60269-2:1995 Low-voltage fuses — Part 2: Supplementary requirements for fuses for use by authorised persons (fuses mainly for industrial application) Amendment A1:1998 to EN 60269-2:1995	IEC 60269-2:1986 IEC 60269-2:1986 /A1:1995	None EN 60269-2:1995 /A1:1997	— Date expired (1.8.1999)
Cenelec	EN 60269-3:1995 Low-voltage fuses — Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications)	IEC 60269-3:1987	None	—
Cenelec	EN 60269-4:1996 Low-voltage fuses — Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices Amendment A1:1997 to EN 60269-4:1996	IEC 60269-4:1986 IEC 60269-4:1986 /A1:1995	None Note 3	— 1.12.2002
Cenelec	EN 60309-1:1992 Plugs, socket-outlets and couplers for industrial purposes — Part 1: General requirements	IEC 60309-1:1988 (Modified)	HD 196 S1:1978 Note 2.1	1.2.2003
Cenelec	EN 60309-1:1997 Plugs, socket-outlets and couplers for industrial purposes — Part 1: General requirements	IEC 60309-1:1997	EN 60309-1:1992 Note 2.1	1.7.2003
Cenelec	EN 60309-1:1999 Plugs, socket-outlets and couplers for industrial purposes — Part 1: General requirements	IEC 60309-1:1999	EN 60309-1:1997 Note 2.1	1.4.2002
Cenelec	EN 60309-2:1998 Plugs, socket-outlets and couplers for industrial purposes — Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories	IEC 60309-2:1997	EN 60309-2:1992 Note 2.1	Date expired (1.4.1999)
Cenelec	EN 60309-2:1999 Plugs, socket-outlets and couplers for industrial purposes — Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories	IEC 60309-2:1999	EN 60309-2:1998 Note 2.1	1.5.2002
Cenelec	EN 60320-1:1987 Appliance couplers for household and similar general purposes Amendment A1:1989 to EN 60320-1:1987 Amendment A11:1994 to EN 60320-1:1987	IEC 60320:1981 +A1:1984 +A2:1985 (Modified) IEC 60320:1981 /A3:1987	None Note 3 Note 3	— Date expired (1.6.1990) Date expired (15.3.1995)

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-1:1994 Safety of household and similar electrical appliances — Part 1: General requirements Note 4 Amendment A11:1995 to EN 60335-1:1994 Amendment A13:1998 to EN 60335-1:1994 Amendment A14:1998 to EN 60335-1:1994 Amendment A1:1996 to EN 60335-1:1994 Amendment A12:1996 to EN 60335-1:1994	IEC 60335-1:1991 (Modified) IEC 60335-1:1991 /A1:1994 (Modified)	EN 60335-1:1988 and its amendments Note 2.1 Note 3 Note 3 Note 3 EN 60335-2-19:1989 +EN 60335-2-20:1989 Note 3 Note 5	— — 1.12.2000 1.7.2001 1.4.2004 1.4.2004
Cenelec	EN 60335-2-2:1988 Safety of household and similar electrical appliances — Part 2: Particular requirements for vacuum cleaners and water suction cleaning appliances Amendment A2:1990 to EN 60335-2-2:1988 Amendment A52:1991 to EN 60335-2-2:1988 Amendment A53:1994 to EN 60335-2-2:1988	IEC 60335-2-2:1983 (Modified) IEC 60335-2-2:1983 /A1:1987 +A2:1989 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.12.1997) Date expired (1.6.1998) 1.1.2002
Cenelec	EN 60335-2-2:1995 Safety of household and similar electrical appliances — Part 2-2: Particular requirements for vacuum cleaners and water suction cleaning appliances Amendment A1:1998 to EN 60335-2-2:1995	IEC 60335-2-2:1993 (Modified) IEC 60335-2-2:1993 /A1:1998	EN 60335-2-2:1988 and its amendments Note 2.1 Note 3	1.1.2003 1.1.2005
Cenelec	EN 60335-2-3:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric irons Amendment A1:1992 to EN 60335-2-3:1990 Amendment A52:1992 to EN 60335-2-3:1990	IEC 60335-2-3:1986 (Modified) IEC 60335-2-3:1986 /A1:1989	None Note 3 Note 3	— 1.7.2000 1.7.2000
Cenelec	EN 60335-2-3:1995 Safety of household and similar electrical appliances — Part 2-3: Particular requirements for electric irons Amendment A1:1999 to EN 60335-2-3:1995	IEC 60335-2-3:1993 IEC 60335-2-3:1993 /A1:1999	EN 60335-2-3:1990 and its amendments Note 2.1 Note 3	1.1.2003 1.8.2002
Cenelec	EN 60335-2-4:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for spin extractors Amendment A51:1991 to EN 60335-2-4:1989 Amendment A2:1992 to EN 60335-2-4:1989	IEC 60335-2-4:1984 +A1:1987 (Modified) IEC 60335-2-4:1984 +A2:1989 (Modified)	None Note 3 Note 3	— Date expired (1.7.1998) Date expired (1.9.1999)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-4:1995 Safety of household and similar electrical appliances — Part 2-4: Particular requirements for spin extractors Amendment A1:1997 to EN 60335-2-4:1995	IEC 60335-2-4:1993 IEC 60335-2-4:1993 /A1:1997	EN 60335-2-4:1989 and its amendments Note 2.1 Note 3	1.1.2003 1.4.2005
Cenelec	EN 60335-2-5:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for dishwashers Amendment A1:1990 to EN 60335-2-5:1989 Amendment A2:1992 to EN 60335-2-5:1989 Amendment A3:1992 to EN 60335-2-5:1989 Amendment A51:1995 to EN 60335-2-5:1989	IEC 60335-2-5:1984 (Modified) IEC 60335-2-5:1984 /A1:1988 (Modified) IEC 60335-2-5:1984 /A2:1989 (Modified) IEC 60335-2-5:1984 /A3:1990 (Modified)	None Note 3 Note 3 Note 3 Note 3	— Date expired (1.11.1997) Date expired (1.9.1999) 1.6.2000 1.7.2002
Cenelec	EN 60335-2-5:1995 Safety of household and similar electrical appliances — Part 2-5: Particular requirements for dishwashers Amendment A11:1997 to EN 60335-2-5:1995 Amendment A1:1999 to EN 60335-2-5:1995	IEC 60335-2-5:1992 (Modified) IEC 60335-2-5:1992 /A1:1999	EN 60335-2-5:1989 and its amendments Note 2.1 Note 3 Note 3	1.1.2003 1.12.2000 1.8.2002
Cenelec	EN 60335-2-6:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for cooking ranges, cooking tables, ovens and similar appliances for household use Amendment A52:1995 to EN 60335-2-6:1990 Amendment A54:1997 to EN 60335-2-6:1990 Amendment A2:1992 to EN 60335-2-6:1990 Amendment A53:1995 to EN 60335-2-6:1990 Amendment A51:1993 to EN 60335-2-6:1990 Amendment A3:1993 to EN 60335-2-6:1990	IEC 60335-2-6:1986 +A1:1988 (Modified) IEC 60335-2-6:1986 /A2:1990 (Modified) IEC 60335-2-6:1986 /A3:1992	None Note 3 Note 3 Note 3 Note 3 Note 3	— — Date expired (1.4.1999) 1.4.2000 1.7.2000 1.12.2000 1.7.2001
Cenelec	EN 60335-2-6:1999 Safety of household and similar electrical appliances — Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances for household use	IEC 60335-2-6:1997 (Modified)	EN 60335-2-6:1990 and its amendments Note 2.1	1.4.2006

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-7:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for washing machines Amendment A1:1990 to EN 60335-2-7:1990 Amendment A2:1992 to EN 60335-2-7:1990 Amendment A51:1992 to EN 60335-2-7:1990 Amendment A52:1995 to EN 60335-2-7:1990	IEC 60335-2-7:1984 (Modified) IEC 60335-2-7:1984 /A1:1988 (Modified) IEC 60335-2-7:1984 /A2:1990 (Modified)	None Note 3 Note 3 Note 3 Note 3	— Date expired (1.9.1997) Date expired (1.1.2000) 1.4.2000 1.7.2002
Cenelec	EN 60335-2-7:1997 Safety of household and similar electrical appliances — Part 2-7: Particular requirements for washing machines Amendment A1:1998 to EN 60335-2-7:1997	IEC 60335-2-7:1993 (Modified) IEC 60335-2-7:1993 /A1:1998	EN 60335-2-7:1990 and its amendments Note 2.1 Note 3	1.9.2003 1.1.2005
Cenelec	EN 60335-2-8:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric shavers, hair clippers and similar appliances	IEC 60335-2-8:1987 (Modified)	None	—
Cenelec	EN 60335-2-8:1995 Safety of household and similar electrical appliances — Part 2-8: Particular requirements for electric shavers, hair clippers and similar appliances	IEC 60335-2-8:1992 (Modified)	EN 60335-2-8:1990 Note 2.1	1.1.2003
Cenelec	EN 60335-2-9:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for toasters, grills, toasters and similar appliances Amendment A51:1991 to EN 60335-2-9:1990 Amendment A2:1992 to EN 60335-2-9:1990	IEC 60335-2-9:1986 (Modified) IEC 60335-2-9:1986 /A1:1990 +A2:1990 (Modified)	HD 265 S2:1984 +A1:1988 Note 2.3 Note 3 Note 3	Date expired (1.5.1998) Date expired (1.7.1998) 1.7.2000
Cenelec	EN 60335-2-9:1995 Safety of household and similar electrical appliances — Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances Amendment A1:1998 to EN 60335-2-9:1995	IEC 60335-2-9:1993 (Modified) IEC 60335-2-9:1993 /A1:1998	EN 60335-2-9:1990 and its amendments Note 2.1 Note 3	1.1.2003 1.2.2005
Cenelec	EN 60335-2-10:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for floor treatment machines and wet scrubbing machines Amendment A51:1995 to EN 60335-2-10:1990 Amendment A1:1992 to EN 60335-2-10:1990	IEC 60335-2-10:1987 (Modified) IEC 60335-2-10:1987 /A1:1991	None Note 3 Note 3	— — 1.7.2000

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-10:1995 Safety of household and similar electrical appliances — Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines	IEC 60335-2-10:1992	EN 60335-2-10:1990 and its amendments Note 2.1	1.1.2003
Cenelec	EN 60335-2-11:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for tumbler-dryers Amendment A52:1995 to EN 60335-2-11:1989 Amendment A1:1990 to EN 60335-2-11:1989 Amendment A2:1992 to EN 60335-2-11:1989 Amendment A51:1993 to EN 60335-2-11:1989	IEC 60335-2-11:1984 (Modified) IEC 60335-2-11:1984 /A1:1989 (Modified) IEC 60335-2-11:1984 /A2:1991	None Note 3 Note 3 Note 3 Note 3	— Date expired (1.10.1997) Date expired (1.7.1998) 1.7.2000 1.1.2001
Cenelec	EN 60335-2-11:1995 Safety of household and similar electrical appliances — Part 2-11: Particular requirements for tumbler-dryers Amendment A1:1998 to EN 60335-2-11:1995	IEC 60335-2-11:1993 (Modified) IEC 60335-2-11:1993 /A1:1998	EN 60335-2-11:1989 and its amendments Note 2.1 Note 3	1.1.2003 1.1.2005
Cenelec	EN 60335-2-12:1995 Safety of household and similar electrical appliances — Part 2-12: Particular requirements for warming plates and similar appliances	IEC 60335-2-12:1992	EN 60335-2-12:1990 Note 2.1	1.1.2003
Cenelec	EN 60335-2-13:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for frying pans, deep fat fryers and similar appliances Amendment A1:1992 to EN 60335-2-13:1990	IEC 60335-2-13:1987 (Modified) IEC 60335-2-13:1987 /A1:1990	None Note 3	— 1.7.2000
Cenelec	EN 60335-2-13:1995 Safety of household and similar electrical appliances — Part 2-13: Particular requirements for frying pans, deep fat fryers and similar appliances Amendment A2:1998 to EN 60335-2-13:1995	IEC 60335-2-13:1993 +A1:1993 (Modified) IEC 60335-2-13:1993 /A2:1998	EN 60335-2-13:1990 and its amendment Note 2.1 Note 3	1.3.2003 1.7.2001
Cenelec	EN 60335-2-14:1988 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric kitchen machines Amendment A52:1992 to EN 60335-2-14:1988 Amendment A51:1991 to EN 60335-2-14:1988 Amendment A54:1995 to EN 60335-2-14:1988 Amendment A1:1990 to EN 60335-2-14:1988 Amendment A53:1994 to EN 60335-2-14:1988	IEC 60335-2-14:1984 (Modified) IEC 60335-2-14:1984 /A1:1989 (Modified)	None Note 3 Note 3 Note 3 Note 3 Note 3	— Date expired (1.7.1996) Date expired (1.8.1996) Date expired (1.10.1997) Date expired (1.1.1998) 1.9.2000

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-14:1996 Safety of household and similar electrical appliances — Part 2-14: Particular requirements for kitchen machines	IEC 60335-2-14:1994 (Modified)	EN 60335-2-14:1988 and its amendments +EN 60335-2-33:1990 Note 2.2	1.1.2004
	Amendment A11:1998 to EN 60335-2-14:1996		Note 3	Date expired (1.6.1999)
	Amendment A1:1998 to EN 60335-2-14:1996	IEC 60335-2-14:1994 /A1:1998	Note 3	1.7.2001
Cenelec	EN 60335-2-15:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for appliances for heating liquids	IEC 60335-2-15:1986 (Modified)	HD 264 S2:1984 Note 2.1	Date expired (1.1.1999)
	Amendment A1:1991 to EN 60335-2-15:1990	IEC 60335-2-15:1986 /A1:1988 (Modified)	Note 3	Date expired (1.9.1999)
	Amendment A2:1992 to EN 60335-2-15:1990	IEC 60335-2-15:1986 /A2:1990 (Modified)	Note 3	Date expired (1.9.1999)
	Amendment A52:1992 to EN 60335-2-15:1990		Note 3	1.7.2000
	Amendment A3:1993 to EN 60335-2-15:1990	IEC 60335-2-15:1986 /A3:1992	Note 3	1.7.2001
Cenelec	EN 60335-2-15:1996 Safety of household and similar electrical appliances — Part 2: Particular requirements for appliances for heating liquids	IEC 60335-2-15:1995	EN 60335-2-15:1990 and its amendments Note 2.1	1.9.2003
	Amendment A1:1999 to EN 60335-2-15:1996	IEC 60335-2-15:1995 /A1:1999	Note 3	1.8.2002
Cenelec	EN 60335-2-16:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for food waste disposers	IEC 60335-2-16:1986 (Modified)	None	—
Cenelec	EN 60335-2-16:1996 Safety of household and similar electrical appliances — Part 2-16: Particular requirements for good waste disposers	IEC 60335-2-16:1994 (Modified)	EN 60335-2-16:1989 Note 2.1	1.4.2004
Cenelec	EN 60335-2-17:1999 Safety of household and similar electrical appliances — Part 2-17: Particular requirements for blankets, pads and similar flexible heating appliances	IEC 60335-2-17:1998	EN 60967:1990 and its amendments Note 2.1	1.10.2001
Cenelec	EN 60335-2-19:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for battery-powered shavers, hair clippers and similar appliances and their charging and battery assemblies	IEC 60335-2-19:1984 (Modified)	None	—
Cenelec	EN 60335-2-20:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for battery-powered toothbrushes and their charging and battery assemblies	IEC 60335-2-20:1984 (Modified)	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-21:1992 Safety of household and similar electrical appliances — Part 2: Particular requirements for storage water heaters	IEC 60335-2-21:1989 +A1:1990 +A2:1990 (Modified)	None	—
	Amendment A3:1995 to EN 60335-2-21:1992	IEC 60335-2-21:1989 /A3:1992 (Modified)	Note 3	1.12.2002
Cenelec	EN 60335-2-21:1999 Safety of household and similar electrical appliances — Part 2-21: Particular requirements for storage water heaters	IEC 60335-2-21:1997 (Modified)	EN 60335-2-21:1992 and its amendment Note 2.1	1.4.2006
Cenelec	EN 60335-2-23:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for appliances for skin or hair care	IEC 60335-2-23:1986 (Modified)	None	—
	Amendment A51:1992 to EN 60335-2-23:1990		Note 3	Date expired (1.11.1994)
	Amendment A1:1992 to EN 60335-2-23:1990	IEC 60335-2-23:1986 /A1:1990	Note 3	1.7.2000
Cenelec	EN 60335-2-23:1996 Safety of household and similar electrical appliances — Part 2-23: Particular requirements for appliances for skin or hair care	IEC 60335-2-23:1996	EN 60335-2-23:1990 and its amendments Note 2.1	1.12.2003
Cenelec	EN 60335-2-24:1994 Safety of household and similar electrical appliances — Part 2: Particular requirements for refrigerators, food-freezers and ice-makers	IEC 60335-2-24:1992 (Modified)	EN 60335-2-24:1989 Note 2.1	1.1.2002
	Amendment A52:1996 to EN 60335-2-24:1994		Note 3	Date expired (1.8.1996)
	Amendment A53:1997 to EN 60335-2-24:1994		Note 3	1.8.2001
	Amendment A51:1995 to EN 60335-2-24:1994		Note 3	1.4.2003
Cenelec	EN 60335-2-24:1999 Safety of household and similar electrical appliances — Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers	IEC 60335-2-24:1997 +A1:1998	EN 60335-2-24:1994 and its amendments Note 2.1	1.8.2006
Cenelec	EN 60335-2-25:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for microwave ovens	IEC 60335-2-25:1988 +A1:1989 (Modified)	HD 270 S1:1983 Note 2.1	Date expired (1.1.1998)
	Amendment A51:1992 to EN 60335-2-25:1990		Note 3	Date expired (1.11.1999)
	Amendment A2:1993 to EN 60335-2-25:1990	IEC 60335-2-25:1988 /A2:1991 (Modified)	Note 3	1.1.2001
Cenelec	EN 60335-2-25:1995 Safety of household and similar electrical appliances — Part 2: Particular requirements for microwave ovens	IEC 60335-2-25:1993 (Modified)	EN 60335-2-25:1990 and its amendments Note 2.1	1.1.2003

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-25:1996 Safety of household and similar electrical appliances — Part 2-25: Particular requirements for microwave ovens	IEC 60335-2-25:1996	EN 60335-2-25:1995 Note 2.1	1.6.2004
Cenelec	EN 60335-2-26:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for clocks	IEC 60335-2-26:1987 (Modified)	None	—
Cenelec	EN 60335-2-26:1996 Safety of household and similar electrical appliances — Part 2-26: Particular requirements for clocks	IEC 60335-2-26:1994	EN 60335-2-26:1990 Note 2.1	1.1.2004
Cenelec	EN 60335-2-27:1992 Safety of household and similar electrical appliances — Part 2: Particular requirements for ultra-violet and infrared radiation skin treatment appliances for household and similar use Amendment A51:1994 to EN 60335-2-27:1992 Amendment A2:1992 to EN 60335-2-27:1992	IEC 60335-2-27:1987 +A1:1989 (Modified) IEC 60335-2-27:1987 /A2:1991	None Note 3 Note 3	— Date expired (1.3.1998) 1.7.2000
Cenelec	EN 60335-2-27:1997 Safety of household and similar electrical appliances — Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation Amendment A11:1997 to EN 60335-2-27:1997	IEC 60335-2-27:1995	EN 60335-2-27:1992 and its amendments Note 2.1 Note 3	1.12.2004 1.5.2005
Cenelec	EN 60335-2-28:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for sewing machines	IEC 60335-2-28:1987 (Modified)	None	—
Cenelec	EN 60335-2-28:1996 Safety of household and similar electrical appliances — Part 2-28: Particular requirements for sewing machines	IEC 60335-2-28:1994 (Modified)	EN 60335-2-28:1990 Note 2.1	1.1.2004
Cenelec	EN 60335-2-29:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for battery chargers Amendment A2:1993 to EN 60335-2-29:1991	IEC 60335-2-29:1987 +A1:1989 (Modified) IEC 60335-2-29:1987 /A2:1991 (Modified)	None Note 3	— 1.12.2000
Cenelec	EN 60335-2-29:1996 Safety of household and similar electrical appliances — Part 2-29: Particular requirements for battery chargers Amendment A11:1997 to EN 60335-2-29:1996	IEC 60335-2-29:1994 (Modified)	EN 60335-2-29:1991 and its amendments Note 2.1 Note 3	1.4.2004 1.7.2004

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-30:1992 Safety of household and similar electrical appliances — Part 2: Particular requirements for room heaters Amendment A52:1997 to EN 60335-2-30:1992 Amendment A51:1995 to EN 60335-2-30:1992	IEC 60335-2-30:1990 +A1:1990 (Modified)	HD 278 S1:1987 and its amendments Note 2.1 Note 3 Note 3	1.10.2001 — Date expired (1.12.1995)
Cenelec	EN 60335-2-30:1997 Safety of household and similar electrical appliances — Part 2-30: Particular requirements for room heaters	IEC 60335-2-30:1996 (Modified)	EN 60335-2-30:1992 and its amendments Note 2.1	1.12.2004
Cenelec	EN 60335-2-31:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for range hoods Amendment A51:1995 to EN 60335-2-31:1990 Amendment A1:1991 to EN 60335-2-31:1990	IEC 60335-2-31:1988 (Modified) IEC 60335-2-31:1988 /A1:1990 (Modified)	None Note 3 Note 3	— — Date expired (1.1.1998)
Cenelec	EN 60335-2-31:1997 Safety of household and similar electrical appliances — Part 2-31: Particular requirements for range hoods Amendment A1:1999 to EN 60335-2-31:1997	IEC 60335-2-31:1995 IEC 60335-2-31:1995 /A1:1998	EN 60335-2-31:1990 and its amendments Note 2.1 Note 3	1.2.2006 1.1.2002
Cenelec	EN 60335-2-32:1990 Safety of household and similar electrical appliances — Part 2-32: Particular requirements for massage appliances	IEC 60335-2-32:1987 (Modified)	None	—
Cenelec	EN 60335-2-32:1995 Safety of household and similar electrical appliances — Part 2-32: Particular requirements for massage appliances	IEC 60335-2-32:1993	EN 60335-2-32:1990 Note 2.1	1.4.2003
Cenelec	EN 60335-2-33:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for coffee mills and coffee grinders	IEC 60335-2-33:1987 (Modified)	None	—
Cenelec	EN 60335-2-34:1996 Safety of household and similar electrical appliances — Part 2-34: Particular requirements for motor-compressors	IEC 60335-2-34:1996	HD 277 S1:1985 and its amendment Note 2.1	1.4.2004
Cenelec	EN 60335-2-35:1994 Safety of household and similar electrical appliances — Part 2: Particular requirements for instantaneous water heaters Amendment A51:1995 to EN 60335-2-35:1994	IEC 60335-2-35:1991 (Modified)	HD 282 S1:1990 and its amendments Note 2.1 Note 3	1.3.2002 1.3.2003
Cenelec	EN 60335-2-35:1998 Safety of household and similar electrical appliances — Part 2-35: Particular requirements for instantaneous water heaters	IEC 60335-2-35:1997	EN 60335-2-35:1994 and its amendments Note 2.1	1.1.2005

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-36:1989 Safety of household and similar electrical appliances — Part 2-36: Particular requirements for commercial electric ranges, ovens and hob elements Amendment A51:1991 to EN 60335-2-36:1989 Amendment A1:1992 to EN 60335-2-36:1989	IEC 60335-2-36:1986 (Modified) IEC 60335-2-36:1986 /A1:1990 (Modified)	None Note 3 Note 3	— Date expired (1.3.1993) Date expired (1.9.1999)
Cenelec	EN 60335-2-36:1995 Safety of household and similar electrical appliances — Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements Amendment A2:1999 to EN 60335-2-36:1995 Amendment A1:1996 to EN 60335-2-36:1995	IEC 60335-2-36:1993 (Modified) IEC 60335-2-36:1993 /A2:1998 IEC 60335-2-36:1993 /A1:1996	EN 60335-2-36:1989 and its amendments Note 2.1 Note 3 Note 3	1.1.2003 1.10.2001 1.4.2004
Cenelec	EN 60335-2-37:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric deep fat fryers Amendment A1:1992 to EN 60335-2-37:1989 Amendment A51:1992 to EN 60335-2-37:1989	IEC 60335-2-37:1986 (Modified) IEC 60335-2-37:1986 /A1:1990 (Modified)	None Note 3 Note 3	— Date expired (1.9.1999) Date expired (1.12.1999)
Cenelec	EN 60335-2-37:1995 Safety of household and similar electrical appliances — Part 2-37: Particular requirements for commercial electric deep fat fryers Amendment A2:1999 to EN 60335-2-37:1995 Amendment A1:1996 to EN 60335-2-37:1995	IEC 60335-2-37:1994 IEC 60335-2-37:1994 /A2:1998 IEC 60335-2-37:1994 /A1:1996	EN 60335-2-37:1989 and its amendments Note 2.1 Note 3 Note 3	1.4.2003 1.10.2001 1.4.2004
Cenelec	EN 60335-2-38:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric griddles and griddle grills Amendment A1:1992 to EN 60335-2-38:1989 Amendment A51:1992 to EN 60335-2-38:1989	IEC 60335-2-38:1986 (Modified) IEC 60335-2-38:1986 /A1:1990 (Modified)	None Note 3 Note 3	— Date expired (1.9.1999) Date expired (1.12.1999)
Cenelec	EN 60335-2-38:1995 Safety of household and similar electrical appliances — Part 2-38: Particular requirements for commercial electric griddles and griddle grills Amendment A2:1999 to EN 60335-2-38:1995 Amendment A1:1996 to EN 60335-2-38:1995	IEC 60335-2-38:1994 IEC 60335-2-38:1994 /A2:1998 IEC 60335-2-38:1994 /A1:1996	EN 60335-2-38:1989 and its amendments Note 2.1 Note 3 Note 3	1.4.2003 1.10.2001 1.4.2004

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-39:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric multipurpose cooking pans Amendment A51:1991 to EN 60335-2-39:1989 Amendment A1:1992 to EN 60335-2-39:1989	IEC 60335-2-39:1986 (Modified) IEC 60335-2-39:1986 /A1:1990 (Modified)	None Note 3 Note 3	— Date expired (1.3.1993) Date expired (1.9.1999)
Cenelec	EN 60335-2-39:1995 Safety of household and similar electrical appliances — Part 2-39: Particular requirements for commercial electric multipurpose cooking pans Amendment A2:1999 to EN 60335-2-39:1995 Amendment A1:1996 to EN 60335-2-39:1995	IEC 60335-2-39:1994 IEC 60335-2-39:1994 /A2:1998 IEC 60335-2-39:1994 /A1:1996	EN 60335-2-39:1989 and its amendments Note 2.1 Note 3 Note 3	1.4.2003 1.10.2001 1.4.2004
Cenelec	EN 60335-2-40:1993 Safety of household and similar electrical appliances — Part 2: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers Amendment A51:1996 to EN 60335-2-40:1993	IEC 60335-2-40:1992 (Modified)	None Note 3	— Date expired (1.1.1997)
Cenelec	EN 60335-2-40:1997 Safety of household and similar electrical appliances — Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:1995 (Modified)	EN 60335-2-40:1993 and its amendment Note 2.1	1.2.2005
Cenelec	EN 60335-2-41:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric pumps for liquids having a temperature not exceeding 35 °C Amendment A1:1994 to EN 60335-2-41:1990	IEC 60335-2-41:1984 (Modified) IEC 60335-2-41:1984 /A1:1990 (Modified)	None Note 3	— 1.1.2002
Cenelec	EN 60335-2-41:1996 Safety of household and similar electrical appliances — Part 2-41: Particular requirements for electric pumps for liquids having a temperature not exceeding 35 °C	IEC 60335-2-41:1996	EN 60335-2-41:1990 and its amendment Note 2.1	1.12.2003
Cenelec	EN 60335-2-42:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric forced convection ovens Amendment A1:1992 to EN 60335-2-42:1989	IEC 60335-2-42:1987 (Modified) IEC 60335-2-42:1987 /A1:1990 (Modified)	None Note 3	— Date expired (1.1.1999)

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-42:1995 Safety of household and similar electrical appliances — Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens Amendment A2:1999 to EN 60335-2-42:1995 Amendment A1:1996 to EN 60335-2-42:1995	IEC 60335-2-42:1994 IEC 60335-2-42:1994 /A2:1998 IEC 60335-2-42:1994 /A1:1996	EN 60335-2-42:1989 and its amendment +EN 60335-2-46:1989 and its amendment Note 2.1 Note 3 Note 3	1.4.2003 1.10.2001 1.4.2004
Cenelec	EN 60335-2-43:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for clothes dryers and towel rails Amendment A1:1990 to EN 60335-2-43:1989 Amendment A51:1992 to EN 60335-2-43:1989	IEC 60335-2-43:1984 (Modified) IEC 60335-2-43:1984 /A1:1988 (Modified)	None Note 3 Note 3	— Date expired (1.1.1998) 1.4.2000
Cenelec	EN 60335-2-43:1997 Safety of household and similar electrical appliances — Part 2-43: Particular requirements for clothes dryers and towel rails	IEC 60335-2-43:1995	EN 60335-2-43:1989 and its amendments Note 2.1	1.12.2004
Cenelec	EN 60335-2-44:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric ironers Amendment A51:1995 to EN 60335-2-44:1991	IEC 60335-2-44:1987 (Modified)	None Note 3	— 1.7.2003
Cenelec	EN 60335-2-44:1997 Safety of household and similar electrical appliances — Part 2-44: Particular requirements for ironers	IEC 60335-2-44:1997	EN 60335-2-44:1991 and its amendment Note 2.1	1.7.2005
Cenelec	EN 60335-2-45:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric heating tools and similar appliances Amendment A1:1992 to EN 60335-2-45:1990 Amendment A51:1993 to EN 60335-2-45:1990	IEC 60335-2-45:1986 (Modified) IEC 60335-2-45:1986 /A1:1990 (Modified)	None Note 3 Note 3	— 1.10.2000 1.7.2001
Cenelec	EN 60335-2-45:1996 Safety of household and similar electrical appliances — Part 2-45: Particular requirements for portable heating tools and similar appliances	IEC 60335-2-45:1996	EN 60335-2-45:1990 and its amendments Note 2.1	1.4.2004
Cenelec	EN 60335-2-46:1989 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric steam cookers Amendment A1:1992 to EN 60335-2-46:1989	IEC 60335-2-46:1986 (Modified) IEC 60335-2-46:1986 /A1:1990 (Modified)	None Note 3	— Date expired (1.9.1999)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-47:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric boiling pans Amendment A1:1992 to EN 60335-2-47:1990 Amendment A52:1992 to EN 60335-2-47:1990	IEC 60335-2-47:1987 (Modified) IEC 60335-2-47:1987 /A1:1990 (Modified)	None Note 3 Note 3	— Date expired (1.9.1999) 1.7.2000
Cenelec	EN 60335-2-47:1997 Safety of household and similar electrical appliances — Part 2-47: Particular requirements for commercial electric boiling pans Amendment A2:1999 to EN 60335-2-47:1997 Amendment A1:1998 to EN 60335-2-47:1997	IEC 60335-2-47:1995 IEC 60335-2-47:1995 /A2:1998 IEC 60335-2-47:1995 /A1:1996	EN 60335-2-47:1990 and its amendments Note 2.1 Note 3 Note 3	1.12.2004 1.10.2001 1.10.2005
Cenelec	EN 60335-2-48:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric grills and toasters Amendment A1:1992 to EN 60335-2-48:1990	IEC 60335-2-48:1988 (Modified) IEC 60335-2-48:1988 /A1:1990 (Modified)	None Note 3	— Date expired (1.9.1999)
Cenelec	EN 60335-2-48:1997 Safety of household and similar electrical appliances — Part 2-48: Particular requirements for commercial electric grills and toasters Amendment A2:1999 to EN 60335-2-48:1997 Amendment A1:1998 to EN 60335-2-48:1997	IEC 60335-2-48:1995 IEC 60335-2-48:1995 /A2:1998 IEC 60335-2-48:1995 /A1:1996	EN 60335-2-48:1990 and its amendment Note 2.1 Note 3 Note 3	1.12.2004 1.10.2001 1.10.2005
Cenelec	EN 60335-2-49:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial catering electric hot cupboards Amendment A1:1992 to EN 60335-2-49:1990	IEC 60335-2-49:1988 (Modified) IEC 60335-2-49:1988 /A1:1990 (Modified)	None Note 3	— Date expired (1.9.1999)
Cenelec	EN 60335-2-49:1997 Safety of household and similar electrical appliances — Part 2-49: Particular requirements for commercial electric hot cupboards Amendment A2:1999 to EN 60335-2-49:1997 Amendment A1:1998 to EN 60335-2-49:1997	IEC 60335-2-49:1995 IEC 60335-2-49:1995 /A2:1998 IEC 60335-2-49:1995 /A1:1996	EN 60335-2-49:1990 and its amendment Note 2.1 Note 3 Note 3	1.12.2004 1.10.2001 1.10.2005

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-50:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric bains-marie Amendment A1:1992 to EN 60335-2-50:1991	IEC 60335-2-50:1989 (Modified) IEC 60335-2-50:1989 /A1:1990 (Modified)	None Note 3	— Date expired (1.9.1999)
Cenelec	EN 60335-2-50:1997 Safety of household and similar electrical appliances — Part 2-50: Particular requirements for commercial electric bains-marie Amendment A2:1999 to EN 60335-2-50:1997 Amendment A1:1998 to EN 60335-2-50:1997	IEC 60335-2-50:1995 IEC 60335-2-50:1995 /A2:1998 IEC 60335-2-50:1995 /A1:1996	EN 60335-2-50:1991 and its amendment Note 2.1 Note 3 Note 3	1.12.2004 1.10.2001 1.10.2005
Cenelec	EN 60335-2-51:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for stationary circulation pumps for heating and service water installations	IEC 60335-2-51:1988 (Modified)	None	—
Cenelec	EN 60335-2-51:1997 Safety of household and similar electrical appliances — Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	IEC 60335-2-51:1997	EN 60335-2-51:1991 Note 2.1	1.7.2005
Cenelec	EN 60335-2-52:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for oral hygiene appliances connected to the mains supply through a safety isolating transformer	IEC 60335-2-52:1988 (Modified)	None	—
Cenelec	EN 60335-2-52:1996 Safety of household and similar electrical appliances — Part 2-52: Particular requirements for oral hygiene appliances	IEC 60335-2-52:1994 (Modified)	EN 60335-2-52:1991 Note 2.1	1.1.2004
Cenelec	EN 60335-2-53:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for electric sauna heating appliances Amendment A51:1996 to EN 60335-2-53:1991	IEC 60335-2-53:1988 (Modified)	None Note 3	— Date expired (1.9.1999)
Cenelec	EN 60335-2-53:1997 Safety of household and similar electrical appliances — Part 2-53: Particular requirements for sauna heating appliances	IEC 60335-2-53:1997	EN 60335-2-53:1991 and its amendment Note 2.1	1.5.2005
Cenelec	EN 60335-2-54:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for general purpose cleaning appliances	IEC 60335-2-54:1988 (Modified)	None	—

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Cenelec	EN 60335-2-54:1997 Safety of household and similar electrical appliances — Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam Amendment A11:1998 to EN 60335-2-54:1997 Amendment A1:1999 to EN 60335-2-54:1997	IEC 60335-2-54:1995 IEC 60335-2-54:1995 /A1:1999	EN 60335-2-54:1991 Note 2.1 Note 3 Note 3	1.12.2004 — 1.8.2002
Cenelec	EN 60335-2-55:1993 Safety of household and similar electrical appliances — Part 2: Particular requirements for electrical appliances for use with aquariums and garden ponds	IEC 60335-2-55:1989 (Modified)	None	—
Cenelec	EN 60335-2-55:1997 Safety of household and similar electrical appliances — Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds	IEC 60335-2-55:1997	EN 60335-2-55:1993 Note 2.1	1.11.2004
Cenelec	EN 60335-2-56:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for projectors and similar appliances	IEC 60335-2-56:1990 (Modified)	None	—
Cenelec	EN 60335-2-56:1997 Safety of household and similar electrical appliances — Part 2-56: Particular requirements for projectors and similar appliances	IEC 60335-2-56:1997	EN 60335-2-56:1991 Note 2.1	1.1.2005
Cenelec	EN 60335-2-58:1993 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric dishwashing machines	IEC 60335-2-58:1990 (Modified)	None	—
Cenelec	EN 60335-2-58:1997 Safety of household and similar electrical appliances — Part 2-58: Particular requirements for commercial electric dishwashing machines Amendment A1:1999 to EN 60335-2-58:1997	IEC 60335-2-58:1995 IEC 60335-2-58:1995 /A1:1998	EN 60335-2-58:1993 Note 2.1 Note 3	1.12.2004 1.10.2001
Cenelec	EN 60335-2-59:1994 Safety of household and similar electrical appliances — Part 2: Particular requirements for insect killers	IEC 60335-2-59:1990 (Modified)	None	—
Cenelec	EN 60335-2-59:1997 Safety of household and similar electrical appliances — Part 2-59: Particular requirements for insect killers	IEC 60335-2-59:1997	EN 60335-2-59:1994 Note 2.1	1.7.2005

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-60:1991 Safety of household and similar electrical appliances — Part 2: Particular requirements for whirlpool baths and similar equipment Amendment A51:1993 to EN 60335-2-60:1991 Amendment A52:1994 to EN 60335-2-60:1991 Amendment A53:1997 to EN 60335-2-60:1991	IEC 60335-2-60:1990 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.3.1994) 1.1.2002 1.6.2001
Cenelec	EN 60335-2-60:1997 Safety of household and similar electrical appliances — Part 2-60: Particular requirements for whirlpool baths	IEC 60335-2-60:1997	EN 60335-2-60:1991 and its amendments Note 2.1	1.7.2005
Cenelec	EN 60335-2-61:1996 Safety of household and similar electrical appliances — Part 2-61: Particular requirements for thermal storage room heaters	IEC 60335-2-61:1992 (Modified)	HD 283 S1:1992 Note 2.1	1.1.2004
Cenelec	EN 60335-2-62:1992 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric rinsing sinks	IEC 60335-2-62:1990 (Modified)	None	—
Cenelec	EN 60335-2-62:1997 Safety of household and similar electrical appliances — Part 2-62: Particular requirements for commercial electric rinsing sinks Amendment A1:1999 to EN 60335-2-62:1997	IEC 60335-2-62:1996 IEC 60335-2-62:1996 /A1:1998	EN 60335-2-62:1992 Note 2.1 Note 3	1.7.2004 1.10.2001
Cenelec	EN 60335-2-63:1993 Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric water boilers and liquid heaters	IEC 60335-2-63:1990 (Modified)	None	—
Cenelec	EN 60335-2-65:1995 Safety of household and similar electrical appliances — Part 2-65: Particular requirements for air-cleaning appliances	IEC 60335-2-65:1993 (Modified)	None	—
Cenelec	EN 60335-2-66:1995 Safety of household and similar electrical appliances — Part 2-66: Particular requirements for waterbed heaters	IEC 60335-2-66:1993	None	—
Cenelec	EN 60335-2-67:1994 Safety of household and similar electrical appliances — Part 2: Particular requirements for floor treatment and floor cleaning machines, for industrial and commercial use	IEC 60335-2-67:1992	None	—
Cenelec	EN 60335-2-67:1998 Safety of household and similar electrical appliances — Part 2-67: Particular requirements for floor treatment and floor cleaning machines, for industrial and commercial use	IEC 60335-2-67:1997 (Modified)	EN 60335-2-67:1994 Note 2.1	1.4.2002

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Cenelec	EN 60335-2-68:1994 Safety of household and similar electrical appliances — Part 2: Particular requirements for spray extraction appliances, for industrial and commercial use	IEC 60335-2-68:1992	None	—
Cenelec	EN 60335-2-68:1998 Safety of household and similar electrical appliances — Part 2-68: Particular requirements for spray extraction appliances, for industrial and commercial use	IEC 60335-2-68:1997 (Modified)	EN 60335-2-68:1994 Note 2.1	1.4.2002
Cenelec	EN 60335-2-69:1995 Safety of household and similar electrical appliances — Part 2: Particular requirements for wet and dry vacuum cleaners, including power brushes, for industrial and commercial use	IEC 60335-2-69:1992 (Modified)	None	—
Cenelec	EN 60335-2-69:1998 Safety of household and similar electrical appliances — Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brushes, for industrial and commercial use	IEC 60335-2-69:1997 (Modified)	EN 60335-2-69:1995 Note 2.1	1.4.2002
Cenelec	EN 60335-2-70:1996 Safety of household and similar electrical appliances — Part 2-70: Particular requirements for milking machines	IEC 60335-2-70:1993	None	—
Cenelec	EN 60335-2-71:1995 Safety of household and similar electrical appliances — Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals Amendment A1:1998 to EN 60335-2-71:1995 Amendment A2:1999 to EN 60335-2-71:1995	IEC 60335-2-71:1993 (Modified) IEC 60335-2-71:1993 /A1:1996 IEC 60335-2-71:1993 /A2:1999	None Note 3 Note 3	— 1.1.2001 1.4.2002
Cenelec	EN 60335-2-73:1996 Safety of household and similar electrical appliances — Part 2-73: Particular requirements for fixed immersion heaters	IEC 60335-2-73:1994 (Modified)	HD 262 S1:1977 and its amendments Note 2.3	1.4.2004
Cenelec	EN 60335-2-74:1996 Safety of household and similar electrical appliances — Part 2-74: Particular requirements for portable immersion heaters	IEC 60335-2-74:1994	HD 262 S1:1977 and its amendments Note 2.3	1.1.2004
Cenelec	EN 60335-2-78:1997 Safety of household and similar electrical appliances — Part 2-78: Particular requirements for outdoor barbecues	IEC 60335-2-78:1995	None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60335-2-79:1998 Safety of household and similar electrical appliances — Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, for industrial and commercial use Amendment A11:1999 to EN 60335-2-79:1998	IEC 60335-2-79:1995 (Modified)	None Note 3	— 1.1.2005
Cenelec	EN 60335-2-80:1997 Safety of household and similar electrical appliances — Part 2-80: Particular requirements for fans	IEC 60335-2-80:1997	HD 280 S1:1986 +HD 280.3 S1:1990 Note 2.1	1.4.2005
Cenelec	EN 60335-2-81:1997 Safety of household and similar electrical appliances — Part 2-81: Particular requirements for foot warmers and heating mats	IEC 60335-2-81:1997	None	—
Cenelec	EN 60335-2-84:1998 Safety of household and similar electrical appliances — Part 2-84: Particular requirements for toilets	IEC 60335-2-84:1998	None	—
Cenelec	EN 60335-2-85:1998 Safety of household and similar electrical appliances — Part 2-85: Particular requirements for fabric steamers	IEC 60335-2-85:1997	None	—
Cenelec	EN 60335-2-87:1999 Safety of household and similar electrical appliances — Part 2-87: Particular requirements for electric animal stunning equipment	IEC 60335-2-87:1998	None	—
Cenelec	EN 60335-2-88:1997 Safety of household and similar electrical appliances — Part 2-88: Particular requirements for humidifiers intended for use with heating, ventilation or air conditioning systems	IEC 60335-2-88:1997	None	—
Cenelec	EN 60335-2-90:1997 Safety of household and similar electrical appliances — Part 2-90: Particular requirements for commercial microwave ovens	IEC 60335-2-90:1997	None	—
Cenelec	EN 60335-2-98:1997 Safety of household and similar electrical appliances — Part 2-98: Particular requirements for humidifiers	IEC 60335-2-98:1997	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60357:1988			
	Tungsten halogen lamps (non-vehicle)	IEC 60357:1982 +A1:1984 (Modified)	None	—
	Amendment A4:1991 to EN 60357:1988	IEC 60357:1982 /A2:1985 +A3:1987 +A4:1989 (Modified)	Note 3	Date expired (1.3.1997)
	Amendment A5:1993 to EN 60357:1988	IEC 60357:1982 /A5:1992	Note 3	Date expired (1.10.1999)
	Amendment A6:1994 to EN 60357:1988	IEC 60357:1982 /A6:1993	Note 3	15.7.2000
	Amendment A7:1994 to EN 60357:1988	IEC 60357:1982 /A7:1994	Note 3	1.12.2000
	Amendment A8:1995 to EN 60357:1988	IEC 60357:1982 /A8:1995	Note 3	1.9.2001
	Amendment A9:1996 to EN 60357:1988	IEC 60357:1982 /A9:1996	Note 3	1.12.2001
	Amendment A12:1999 to EN 60357:1988	IEC 60357:1982 /A12:1999	Note 3	1.10.2002
	Amendment A10:1997 to EN 60357:1988	IEC 60357:1982 /A10:1996 (Modified)	Note 3	1.6.2003
	Amendment A11:1997 to EN 60357:1988	IEC 60357:1982 /A11:1997	Note 3	1.6.2003
Cenelec	EN 60360:1989			
	Standard method of measurement of lamp cap temperature rise	IEC 60360:1987	None	—
	Amendment A2:1997 to EN 60360:1989	IEC 60360:1987 /A2:1996	Note 3	Date expired (1.9.1997)
	Amendment A1:1994 to EN 60360:1989	IEC 60360:1987 /A1:1993	Note 3	Date expired (1.12.1999)
Cenelec	EN 60360:1998			
	Standard method of measurement of lamp cap temperature rise	IEC 60360:1998	EN 60360:1989 and its amendments Note 2.1	1.5.2001
Cenelec	EN 60399:1993			
	Standard sheets for barrel thread for E14 and E27 lampholders with shade holder ring	IEC 60399:1972	None	—
	Amendment A1:1997 to EN 60399:1993	IEC 60399:1972 /A1:1997	Note 3	Date expired (1.7.1998)
Cenelec	EN 60400:1992			
	Lampholders for tubular fluorescent lamps and starterholders	IEC 60400:1991 (Modified)	None	—
	Amendment A1:1994 to EN 60400:1992	IEC 60400:1991 /A1:1993	Note 3	1.4.2000
	Amendment A2:1995 to EN 60400:1992	IEC 60400:1991 /A2:1994	Note 3	15.3.2001

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60400:1996 Lampholders for tubular fluorescent lamps and starterholders Amendment A2:1998 to EN 60400:1996 Amendment A1:1997 to EN 60400:1996	IEC 60400:1996 IEC 60400:1996 /A2:1997 IEC 60400:1996 /A1:1997	EN 60400:1992 and its amendments Note 2.1 Note 3 Note 3	1.4.2002 Date expired (1.10.1998) 1.1.2003
Cenelec	EN 60432-1:1994 Safety specifications for incandescent lamps — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes Amendment A1:1997 to EN 60432-1:1994 Amendment A2:1997 to EN 60432-1:1994	IEC 60432-1:1993 (Modified) IEC 60432-1:1993 /A1:1995 IEC 60432-1:1993 /A2:1997	None Note 3 Note 3	— 1.6.2003 1.6.2003
Cenelec	EN 60432-2:1994 Safety specifications for incandescent lamps — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes Amendment A1:1996 to EN 60432-2:1994 Amendment A2:1997 to EN 60432-2:1994	IEC 60432-2:1994 (Modified) IEC 60432-2:1994 /A1:1996 IEC 60432-2:1994 /A2:1997	None Note 3 Note 3	— 1.7.2002 1.4.2003
Cenelec	EN 60439-1:1994 Low-voltage switchgear and controlgear assemblies — Part 1: Type-tested and partially type-tested assemblies Amendment A1:1995 to EN 60439-1:1994 Amendment A11:1996 to EN 60439-1:1994 Amendment A2:1997 to EN 60439-1:1994	IEC 60439-1:1992 IEC 60439-1:1992 /A1:1995 IEC 60439-1:1992 /A2:1996	None Note 3 Note 3 Note 3	— Date expired (1.9.1996) Date expired (1.11.1996) Date expired (1.9.1997)
Cenelec	EN 60439-1:1999 Low-voltage switchgear and controlgear assemblies — Part 1: Type-tested and partially type-tested assemblies	IEC 60439-1:1999	EN 60439-1:1994 and its amendments Note 2.1	1.8.2002
Cenelec	EN 60439-2:1993 Low-voltage switchgear and controlgear assemblies — Part 2: Particular requirements for busbar trunking systems (busways)	IEC 60439-2:1987 +A1:1991 (Modified)	None	—
Cenelec	EN 60439-3:1991 Low-voltage switchgear and controlgear assemblies — Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use — Distribution boards Amendment A1:1994 to EN 60439-3:1991	IEC 60439-3:1990 (Modified) IEC 60439-3:1990 /A1:1993	None Note 3	— Date expired (1.12.1999)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60439-4:1991 Low-voltage switchgear and controlgear assemblies — Part 4: Particular requirements for assemblies for construction sites (ACS)	IEC 60439-4:1990	None	—
	Amendment A1:1995 to EN 60439-4:1991	IEC 60439-4:1990 /A1:1995	Note 3	1.9.2001
	Amendment A2:1999 to EN 60439-4:1991	IEC 60439-4:1990 /A2:1999	Note 3	1.8.2002
Cenelec	EN 60439-5:1996 Low-voltage switchgear and controlgear assemblies — Part 5: Particular requirements for assemblies intended to be installed outdoors in public places — Cable distribution cabinets (CDCs) for power distribution in networks	IEC 60439-5:1996	None	—
	Amendment A1:1998 to EN 60439-5:1996	IEC 60439-5:1996 /A1:1998	Note 3	1.5.2001
Cenelec	EN 60477:1997 Laboratory d.c. resistors	IEC 60477:1974	None	—
	Amendment A1:1997 to EN 60477:1997	IEC 60477:1974 /A1:1997	Note 3	Date expired (1.9.1998)
Cenelec	EN 60477-2:1997 Laboratory resistors — Part 2: Laboratory a.c. resistors	IEC 60477-2:1979	None	—
	Amendment A1:1997 to EN 60477-2:1997	IEC 60477-2:1979 /A1:1997	Note 3	Date expired (1.9.1998)
Cenelec	EN 60491:1995 Safety requirements for electronic flash apparatus for photographic purposes	IEC 60491:1984 (Modified)	HD 327 S2:1988 +A1:1991 Note 2.1	Date expired (1.9.1996)
Cenelec	EN 60519-1:1993 Safety in electroheat installations — Part 1: General requirements	IEC 60519-1:1984	None	—
Cenelec	EN 60519-2:1993 Safety in electroheat installations — Part 2: Particular requirements for resistance heating equipment	IEC 60519-2:1992	None	—
Cenelec	EN 60519-3:1995 Safety in electroheat installations — Part 3: Particular requirements for induction and conduction heating and induction melting installations	IEC 60519-3:1988 (Modified)	HD 491.3 S1:1990 Note 2.1	Date expired (1.9.1996)
Cenelec	EN 60519-4:1997 Safety in electroheat installations — Part 4: Particular requirements for arc furnace installations	IEC 60519-4:1995	None	—
Cenelec	EN 60519-9:1995 Safety in electroheat installations — Part 9: Particular requirements for high-frequency dielectric heating installations	IEC 60519-9:1987	HD 491.9 S1:1991 Note 2.1	Date expired (1.9.1996)
Cenelec	EN 60519-11:1997 Safety in electroheat installations — Part 11: Particular requirements for installations for electromagnetic stirring, transport or pouring of metal liquids	IEC 60519-11:1997	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60519-21:1998 Safety in electroheat installations — Part 21: Particular requirements for resistance heating equipment — Heating and melting glass equipment	IEC 60519-21:1998	None	—
Cenelec	EN 60523:1993 Direct-current potentiometers Amendment A2:1997 to EN 60523:1993	IEC 60523:1975 +A1:1979 IEC 60523:1975 /A2:1997	None Note 3	— Date expired (1.7.1998)
Cenelec	EN 60524:1993 Direct-current resistive volt ratio boxes Amendment A2:1997 to EN 60524:1993	IEC 60524:1975 +A1:1981 IEC 60524:1975 /A2:1997	None Note 3	— Date expired (1.7.1998)
Cenelec	EN 60529:1991 Degrees of protection provided by enclosures (IP code)	IEC 60529:1989	None	—
Cenelec	EN 60564:1993 D.C. bridges for measuring resistance Amendment A2:1997 to EN 60564:1993	IEC 60564:1977 +A1:1981 IEC 60564:1977 /A2:1997	None Note 3	— 1.7.2003
Cenelec	EN 60570:1993 Electrical supply track systems for luminaires	IEC 60570:1985 +A2:1993 (Modified)	None	—
Cenelec	EN 60570:1996 Electrical supply track systems for luminaires Amendment A11:1998 to EN 60570:1996 Amendment A1:1998 to EN 60570:1996	IEC 60570:1995 IEC 60570:1995 /A1:1998	EN 60570:1993 Note 2.1 Note 3 Note 3	1.3.2002 Date expired (1.10.1999) 1.4.2005
Cenelec	EN 60570-2-1:1994 Electrical supply track systems for luminaires — Part 2: Mixed supply systems — Section 1: Classes I and III Amendment A1:1996 to EN 60570-2-1:1994	IEC 60570-2-1:1994 IEC 60570-2-1:1994 /A1:1996	None Note 3	— 1.4.2002
Cenelec	EN 60598-1:1993 Luminaires — Part 1: General requirements and tests Amendment A1:1996 to EN 60598-1:1993	IEC 60598-1:1992 (Modified) IEC 60598-1:1992 /A1:1993 (Modified)	None Note 3	— —

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60598-1:1997 Luminaires — Part 1: General requirements and tests	IEC 60598-1:1996 (Modified)	EN 60598-1:1993 and its amendment Note 2.1	1.12.2002
	Amendment A12:1998 to EN 60598-1:1997		Note 3	—
	Amendment A1:1998 to EN 60598-1:1997	IEC 60598-1:1996 /A1:1998 (Modified)	Note 3	1.4.2005
Cenelec	EN 60598-2-1:1989 Luminaires — Part 2: Particular requirements — Section 1: Fixed general purpose luminaires	IEC 60598-2-1:1979 +A1:1987	None	—
Cenelec	EN 60598-2-2:1989 Luminaires — Part 2: Particular requirements — Section 2: Recessed luminaires	IEC 60598-2-2:1979 +A1:1987 (Modified)	None	—
	Amendment A2:1996 to EN 60598-2-2:1989	IEC 60598-2-2:1979 /A2:1991	Note 3	1.3.2002
Cenelec	EN 60598-2-2:1996 Luminaires — Part 2: Particular requirements — Section 2: Recessed luminaires	IEC 60598-2-2:1996	EN 60598-2-2:1989 and its amendment Note 2.1	1.4.2002
	Amendment A1:1997 to EN 60598-2-2:1996	IEC 60598-2-2:1996 /A1:1997	Note 3	1.12.2002
Cenelec	EN 60598-2-3:1994 Luminaires — Part 2: Particular requirements — Section 3: Luminaires for road and street lighting	IEC 60598-2-3:1993	None	—
	Amendment A1:1997 to EN 60598-2-3:1994	IEC 60598-2-3:1993 /A1:1997	Note 3	1.1.2003
Cenelec	EN 60598-2-4:1989 Luminaires — Part 2: Particular requirements — Section 4: Portable general purpose luminaires	IEC 60598-2-4:1979 +A1:1983 +A2:1987 (Modified)	None	—
	Amendment A3:1993 to EN 60598-2-4:1989	IEC 60598-2-4:1979 /A3:1990	Note 3	Date expired (1.12.1998)
Cenelec	EN 60598-2-4:1997 Luminaires — Part 2: Particular requirements — Section 4: Portable general purpose luminaires	IEC 60598-2-4:1997	EN 60598-2-4:1989 and its amendment Note 2.1	1.4.2003
Cenelec	EN 60598-2-5:1989 Luminaires — Part 2: Particular requirements — Section 5: Floodlights	IEC 60598-2-5:1979 +A1:1987	None	—
	Amendment A2:1994 to EN 60598-2-5:1989	IEC 60598-2-5:1979 /A2:1993	Note 3	1.3.2000
Cenelec	EN 60598-2-5:1998 Luminaires — Part 2-5: Particular requirements — Floodlights	IEC 60598-2-5:1998	EN 60598-2-5:1989 and its amendment Note 2.1	1.4.2005

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60598-2-6:1989 Luminaires — Part 2: Particular requirements — Section 6: Luminaires with built-in transformers for filament lamps Amendment A2:1991 to EN 60598-2-6:1989	IEC 60598-2-6:1979 +A1:1987 IEC 60598-2-6:1979 /A2:1990	None Note 3	— Date expired (1.11.1997)
Cenelec	EN 60598-2-6:1994 Luminaires — Part 2: Particular requirements — Section 6: Luminaires with built-in transformers or convertors for filament lamps Amendment A1:1997 to EN 60598-2-6:1994	IEC 60598-2-6:1994 IEC 60598-2-6:1994 /A1:1996	EN 60598-2-6:1989 and its amendment Note 2.1 Note 3	1.7.2000 1.9.2002
Cenelec	EN 60598-2-7:1989 Luminaires — Part 2: Particular requirements — Section 7: Portabe luminaires for garden use Amendment A13:1997 to EN 60598-2-7:1989 Amendment A12:1995 to EN 60598-2-7:1989 Amendment A2:1996 to EN 60598-2-7:1989	IEC 60598-2-7:1982 +A1:1987 (Modified) IEC 60598-2-7:1982 /A2:1994 (Modified) IEC 60598-2-7:1982 /A2:1994 (Modified)	None Note 3 Note 3 Note 3	— — 1.10.2000 1.3.2002
Cenelec	EN 60598-2-8:1989 Luminaires — Part 2: Particular requirements — Section 8: Handlamps Amendment A2:1993 to EN 60598-2-8:1989	IEC 60598-2-8:1981 +A1:1987 (Modified) IEC 60598-2-8:1981 /A2:1990 (Modified)	None Note 3	— Date expired (1.3.1994)
Cenelec	EN 60598-2-8:1997 Luminaires — Part 2: Particular requirements — Section 8: Handlamps	IEC 60598-2-8:1996 (Modified)	EN 60598-2-8:1989 and its amendment Note 2.1	1.3.2003
Cenelec	EN 60598-2-9:1989 Luminaires — Part 2: Particular requirements — Section 9: Photo and film luminaires (non-professional) Amendment A1:1994 to EN 60598-2-9:1989	IEC 60598-2-9:1987 IEC 60598-2-9:1987 /A1:1993	None Note 3	— 1.4.2000
Cenelec	EN 60598-2-17:1989 Luminaires — Part 2: Particular requirements — Section 17: Luminaires for stage lighting, television film and photographic studios (outdoor and indoor) Amendment A2:1991 to EN 60598-2-17:1989	IEC 60598-2-17:1984 +A1:1987 IEC 60598-2-17:1984 /A2:1990	None Note 3	— Date expired (1.11.1997)
Cenelec	EN 60598-2-19:1989 Luminaires — Part 2: Particular requirements — Section 19: Air-handling luminaires (safety requirements) Amendment A2:1998 to EN 60598-2-19:1989	IEC 60598-2-19:1981 +A1:1987 (Modified) IEC 60598-2-19:1981 /A2:1997	None Note 3	— Date expired (1.10.1998)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60598-2-20:1991 Luminaires — Part 2: Particular requirements — Section 20: Lighting chains Amendment A11:1992 to EN 60598-2-20:1991	IEC 60598-2-20:1982 +A1:1987 (Modified)	None Note 3	— Date expired (1.1.1998)
Cenelec	EN 60598-2-20:1997 Luminaires — Part 2: Particular requirements — Section 20: Lighting chains Amendment A1:1998 to EN 60598-2-20:1997	IEC 60598-2-20:1996 (Modified) IEC 60598-2-20:1996 /A1:1998 (Modified)	EN 60598-2-20:1991 and its amendment Note 2.1 Note 3	1.4.2003 1.4.2005
Cenelec	EN 60598-2-22:1990 Luminaires — Part 2: Particular requirements — Section 22: Luminaires for emergency lighting	IEC 60598-2-22:1990 (Modified)	None	—
Cenelec	EN 60598-2-22:1998 Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting	IEC 60598-2-22:1997 (Modified)	EN 60598-2-22:1990 Note 2.1	1.10.2005
Cenelec	EN 60598-2-23:1996 Luminaires — Part 2-23: Particular requirements — Extra low-voltage lighting systems for filament lamps	IEC 60598-2-23:1996	None	—
Cenelec	EN 60598-2-24:1998 Luminaires — Part 2: Particular requirements — Section 24: Luminaires with limited surface temperature	IEC 60598-2-24:1997 (Modified)	None	—
Cenelec	EN 60598-2-25:1994 Luminaires — Part 2: Particular requirements — Section 25: Luminaires for use in clinical areas of hospitals and health care buildings	IEC 60598-2-25:1994	None	—
Cenelec	EN 60618:1997 Inductive voltage dividers Amendment A2:1997 to EN 60618:1997	IEC 60618:1978 +A1:1981 IEC 60618:1978 /A2:1997	None Note 3	— Date expired (1.9.1998)
Cenelec	EN 60645-1:1994 Audiometers — Part 1: Pure-tone audiometers	IEC 60645-1:1992	None	—
Cenelec	EN 60645-3:1995 Audiometers — Part 3: Auditory test signals of short duration for audiometric and neuro-otological purposes	IEC 60645-3:1994	None	—
Cenelec	EN 60645-4:1995 Audiometers — Part 4: Equipment for extended high- frequency audiometry	IEC 60645-4:1994	None	—
Cenelec	EN 60651:1994 Sound level meters Amendment A1:1994 to EN 60651:1994	IEC 60651:1979 IEC 60651:1979 /A1:1993	None Note 3	— Date expired (1.12.1994)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60662:1993 High-pressure sodium vapour lamps Amendment A4:1994 to EN 60662:1993 Amendment A6:1994 to EN 60662:1993 Amendment A5:1994 to EN 60662:1993 Amendment A7:1995 to EN 60662:1993 Amendment A9:1997 to EN 60662:1993 Amendment A10:1997 to EN 60662:1993	IEC 60662:1980 +A2:1987 +A3:1990 IEC 60662:1980 /A4:1992 IEC 60662:1980 /A6:1994 IEC 60662:1980 /A5:1993 IEC 60662:1980 /A7:1995 IEC 60662:1980 /A9:1997 IEC 60662:1980 /A10:1997	None Note 3 Note 3 Note 3 Note 3 Note 3 Note 3	— 15.3.2000 15.7.2000 15.7.2000 1.9.2001 1.4.2003 1.7.2003
Cenelec	EN 60669-1:1995 Switches for household and similar fixed electrical installations — Part 1: General requirements Amendment A2:1996 to EN 60669-1:1995	IEC 60669-1:1993 (Modified) IEC 60669-1:1993 /A1:1994 +A2:1995 (Modified)	None Note 3	— 15.10.2010
Cenelec	EN 60669-1:1999 Switches for household and similar fixed electrical installations — Part 1: General requirements	IEC 60669-1:1998 (Modified)	EN 60669-1:1995 and its amendment Note 2.1	1.10.2005
Cenelec	EN 60669-2-1:1996 Switches for household and similar fixed electrical installations — Part 2: Particular requirements — Section 1: Electronic switches Amendment A11:1997 to EN 60669-2-1:1996	IEC 60669-2-1:1994 +A1:1994 +A2:1995 (Modified)	None Note 3	— Date expired (1.6.1999)
Cenelec	EN 60669-2-2:1997 Switches for household and similar fixed electrical installations — Part 2: Particular requirements — Section 2: Electromagnetic remote-control switches (RCS) Amendment A1:1997 to EN 60669-2-2:1997	IEC 60669-2-2:1996 IEC 60669-2-2:1996 /A1:1997	EN 60669-2-2:1996 Note 2.1 Note 3	Date expired (1.6.1999) 1.6.2004
Cenelec	EN 60669-2-3:1997 Switches for household and similar fixed electrical installations — Part 2-3: Particular requirements — Time delay switches (TDS)	IEC 60669-2-3:1997	EN 60669-2-3:1996 Note 2.1	Date expired (1.6.1999)
Cenelec	EN 60691:1995 Thermal-links — Requirements and application guide	IEC 60691:1993 +A1:1995	EN 60691:1987 Note 2.1	Date expired (1.10.1996)
Cenelec	EN 60695-1-1:1995 Fire hazard testing — Part 1: Guidance for assessing fire hazard of electrotechnical products — Section 1: General guidance	IEC 60695-1-1:1995	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60695-2-1/0:1996 Fire hazard testing — Part 2: Test methods — Section 1/sheet 0: Glow-wire test methods — General	IEC 60695-2-1/0:1994	HD 444.2.1 S1:1983 Note 2.3	Date expired (1.12.1997)
Cenelec	EN 60695-2-1/1:1996 Fire hazard testing — Part 2: Test methods — Section 1/sheet 1: Glow-wire end-product test and guidance	IEC 60695-2-1/1:1994	HD 444.2.1 S1:1983 Note 2.3	Date expired (1.12.1997)
Cenelec	EN 60695-2-1/2:1996 Fire hazard testing — Part 2: Test methods — Section 1/sheet 2: Glow-wire flammability test	IEC 60695-2-1/2:1994	HD 444.2.1 S1:1983 Note 2.3	Date expired (1.12.1996)
Cenelec	EN 60695-2-1/3:1996 Fire hazard testing — Part 2: Test methods — Section 1/sheet 3: Glow-wire ignitability test on materials	IEC 60695-2-1/3:1994	HD 444.2.1 S1:1983 Note 2.3	Date expired (1.12.1996)
Cenelec	EN 60695-2-2:1994 Fire hazard testing — Part 2: Test methods — Section 2: Needle-flame test Amendment A1:1995 to EN 60695-2-2:1994	IEC 60695-2-2:1991 IEC 60695-2-2:1991 /A1:1994	HD 444.2.2 S2:1992 Note 2.1 Note 3	Date expired (15.12.1994) Date expired (1.9.1996)
Cenelec	EN 60695-2-4/0:1993 Fire hazard testing — Part 2: Test methods — Section 4/sheet 0: Diffusion type and premixed type flame test methods	IEC 60695-2-4/0:1991	None	—
Cenelec	EN 60695-2-4/1:1993 Fire hazard testing — Part 2: Test methods — Section 4/sheet 1: 1 kW nominal premixed test flame and guidance Amendment A1:1996 to EN 60695-2-4/1:1993	IEC 60695-2-4/1:1991 IEC 60695-2-4/1:1991 /A1:1994	None Note 3	— Date expired (1.3.1997)
Cenelec	EN 60695-11-10:1999 Fire hazard testing — Part 11-10: Test flames — 50 W horizontal and vertical flame test methods	IEC 60695-11-10:1999	None	—
Cenelec	EN 60695-11-20:1999 Fire hazard testing — Part 11-20: Test flames — 500 W flame test methods	IEC 60695-11-20:1999	None	—
Cenelec	EN 60719:1993 Calculation of the lower and upper limits for the average outer dimensions of cables with circular copper conductors and of rated voltages up to and including 450/750 V	IEC 60719:1992	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60730-1:1991 Automatic electrical controls for household and similar use — Part 1: General requirements Amendment A14:1995 to EN 60730-1:1991 Amendment A1:1991 to EN 60730-1:1991 Amendment A11:1991 to EN 60730-1:1991 Amendment A12:1993 to EN 60730-1:1991	IEC 60730-1:1986 (Modified) IEC 60730-1:1986 /A1:1990	None Note 3 Note 3 Note 3 Note 3	— — Date expired (1.7.1995) Date expired (1.7.1995) Date expired (1.7.1995)
Cenelec	EN 60730-1:1995 Automatic electrical controls for household and similar use — Part 1: General requirements Amendment A1:1997 to EN 60730-1:1995 Amendment A2:1998 to EN 60730-1:1995 Amendment A13:1998 to EN 60730-1:1995 Amendment A15:1998 to EN 60730-1:1995 Amendment A14:1998 to EN 60730-1:1995 Amendment A12:1996 to EN 60730-1:1995 Amendment A11:1996 to EN 60730-1:1995 Amendment A16:1999 to EN 60730-1:1995	IEC 60730-1:1993 (Modified) IEC 60730-1:1993 /A1:1994 (Modified) IEC 60730-1:1993 /A2:1997	EN 60730-1:1991 and its amendments Note 2.1 Note 3 Note 3 Note 3 Note 3 Note 3 Note 3 Note 3	— — — — — Date expired (1.12.1996) Date expired (1.1.1998) 1.10.2000
Cenelec	EN 60730-2-1:1991 Automatic electrical controls for household and similar use — Part 1: Particular requirements for electrical controls for electrical household appliances Amendment A13:1995 to EN 60730-2-1:1991 Amendment A11:1992 to EN 60730-2-1:1991 Amendment A12:1993 to EN 60730-2-1:1991	IEC 60730-2-1:1989 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.3.1996) Date expired (1.1.1997) Date expired (1.1.1997)
Cenelec	EN 60730-2-1:1997 Automatic electrical controls for household and similar use — Part 2: Particular requirements for electrical controls for electrical household appliances	IEC 60730-2-1:1989 (Modified)	EN 60730-2-1:1991 and its amendments Note 2.1	1.4.2004
Cenelec	EN 60730-2-2:1991 Automatic electrical controls for household and similar use — Part 2: Particular requirements for thermal motor protectors Amendment A11:1995 to EN 60730-2-2:1991 Amendment A2:1997 to EN 60730-2-2:1991 Amendment A1:1997 to EN 60730-2-2:1991	IEC 60730-2-2:1990 (Modified) IEC 60730-2-2:1990 /A2:1997 IEC 60730-2-2:1990 /A1:1995	None Note 3 Note 3 Note 3	— Date expired (1.3.1996) Date expired (1.4.1999) 1.9.2002

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60730-2-3:1992 Automatic electrical controls for household and similar use — Part 2: Particular requirements for thermal protectors for ballasts for tubular fluorescent lamps Amendment A1:1998 to EN 60730-2-3:1992	IEC 60730-2-3:1990 (Modified) IEC 60730-2-3:1990 /A1:1995 (Modified)	None Note 3	— 1.6.2000
Cenelec	EN 60730-2-4:1993 Automatic electrical controls for household and similar use — Part 2: Particular requirements for thermal motor protectors for motor-compressors of hermetic and semi-hermetic type Amendment A1:1998 to EN 60730-2-4:1993	IEC 60730-2-4:1990 (Modified) IEC 60730-2-4:1990 /A1:1994	None Note 3	— 1.9.2000
Cenelec	EN 60730-2-5:1995 Automatic electrical controls for household and similar use — Part 2: Particular requirements for automatic electrical burner control systems Amendment A1:1996 to EN 60730-2-5:1995 Amendment A2:1998 to EN 60730-2-5:1995	IEC 60730-2-5:1993 (Modified) IEC 60730-2-5:1993 /A1:1996 IEC 60730-2-5:1993 /A2:1997	None Note 3 Note 3	— 15.12.2000 15.12.2000
Cenelec	EN 60730-2-6:1995 Automatic electrical controls for household and similar use — Part 2: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements Amendment A1:1997 to EN 60730-2-6:1995 Amendment A2:1998 to EN 60730-2-6:1995	IEC 60730-2-6:1991 (Modified) IEC 60730-2-6:1991 /A1:1994 (Modified) IEC 60730-2-6:1991 /A2:1997	None Note 3 Note 3	— 15.12.2000 15.12.2000
Cenelec	EN 60730-2-7:1991 Automatic electrical controls for household and similar use — Part 2: Particular requirements for timers and time switches Amendment A12:1993 to EN 60730-2-7:1991 Amendment A11:1994 to EN 60730-2-7:1991 Amendment A1:1997 to EN 60730-2-7:1991	IEC 60730-2-7:1990 (Modified) IEC 60730-2-7:1990 /A1:1994 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.1.2000) Date expired (1.1.2000) Date expired (1.1.2000)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60730-2-8:1995 Automatic electrical controls for household and similar use — Part 2: Particular requirements for electrically operated water valves, including mechanical requirements Amendment A2:1997 to EN 60730-2-8:1995 Amendment A1:1997 to EN 60730-2-8:1995	IEC 60730-2-8:1992 (Modified) IEC 60730-2-8:1992 /A2:1997 IEC 60730-2-8:1992 /A1:1994 (Modified)	None Note 3 Note 3	— 15.12.2000 15.12.2000
Cenelec	EN 60730-2-9:1995 Automatic electrical controls for household and similar use — Part 2: Particular requirements for temperature sensing controls Amendment A2:1997 to EN 60730-2-9:1995 Amendment A11:1997 to EN 60730-2-9:1995 Amendment A1:1996 to EN 60730-2-9:1995	IEC 60730-2-9:1992 (Modified) IEC 60730-2-9:1992 /A2:1994 (Modified) IEC 60730-2-9:1992 /A1:1994 (Modified)	None Note 3 Note 3 Note 3	— 15.12.2000 1.7.2002 1.1.2004
Cenelec	EN 60730-2-10:1995 Automatic electrical controls for household and similar use — Part 2: Particular requirements for motor starting relays Amendment A1:1996 to EN 60730-2-10:1995	IEC 60730-2-10:1991 (Modified) IEC 60730-2-10:1991 /A1:1994	None Note 3	— 1.12.2001
Cenelec	EN 60730-2-11:1993 Automatic electrical controls for household and similar use — Part 2: Particular requirements for energy regulators Amendment A1:1997 to EN 60730-2-11:1993 Amendment A2:1998 to EN 60730-2-11:1993	IEC 60730-2-11:1993 IEC 60730-2-11:1993 /A1:1994 (Modified) IEC 60730-2-11:1993 /A2:1997	None Note 3 Note 3	— 1.7.2000 1.3.2004
Cenelec	EN 60730-2-12:1993 Automatic electrical controls for household and similar use — Part 2: Particular requirements for electrically operated door locks Amendment A1:1997 to EN 60730-2-12:1993	IEC 60730-2-12:1993 IEC 60730-2-12:1993 /A1:1995 (Modified)	None Note 3	— 1.6.2005
Cenelec	EN 60730-2-13:1998 Automatic electrical controls for household and similar use — Part 2: Particular requirements for humidity sensing controls Amendment A1:1998 to EN 60730-2-13:1998	IEC 60730-2-13:1995 (Modified) IEC 60730-2-13:1995 /A1:1997	None Note 3	— —

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60730-2-14:1997 Automatic electrical controls for household and similar use — Part 2: Particular requirements for electric actuators	IEC 60730-2-14:1995 (Modified)	None	—
Cenelec	EN 60730-2-15:1995 Automatic electrical controls for household and similar use — Part 2: Particular requirements for automatic electrical water level sensing controls of the float or electrode-sensor type used in boiler applications Amendment A1:1998 to EN 60730-2-15:1995	IEC 60730-2-15:1994 IEC 60730-2-15:1994 /A1:1997	None Note 3	— 1.6.2000
Cenelec	EN 60730-2-16:1997 Automatic electrical controls for household and similar use — Part 2: Particular requirements for automatic electrical water level operating controls of the float type for household and similar applications Amendment A1:1998 to EN 60730-2-16:1997	IEC 60730-2-16:1995 (Modified) IEC 60730-2-16:1995 /A1:1997	None Note 3	— 1.6.2006
Cenelec	EN 60730-2-18:1999 Automatic electrical controls for household and similar use — Part 2: Particular requirements for automatic electrical water and air flow sensing controls, including mechanical requirements	IEC 60730-2-18:1997 (Modified)	None	—
Cenelec	EN 60742:1995 Isolating transformers and safety isolating transformers — Requirements	IEC 60742:1983 +A1:1992 (Modified)	None	—
Cenelec	EN 60799:1987 Cord sets Amendment A1:1994 to EN 60799:1987	IEC 60799:1984 (Modified) IEC 60799:1984 /A1:1993 (Modified)	None Note 3	— 15.3.2000
Cenelec	EN 60799:1998 Electrical accessories — Cord sets and interconnection cord sets	IEC 60799:1998	EN 60799:1987 and its amendment Note 2.1	1.7.2001
Cenelec	EN 60804:1994 Integrating-averaging sound level meters Amendment A2:1994 to EN 60804:1994	IEC 60804:1985 +A1:1989 IEC 60804:1985 /A2:1993	None Note 3	— Date expired (1.12.1994)
Cenelec	EN 60811-1-1:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 1: General application — Section 1: Measurement of thickness and overall dimensions — Tests for determining the mechanical properties	IEC 60811-1-1:1993	HD 505.1.1 S3:1991 Note 2.1	Date expired (1.12.1996)

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60811-1-2:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 1: General application — Section 2: Thermal ageing methods	IEC 60811-1-2:1985 +A1:1989	HD 505.1.2 S2:1991 Note 2.1	Date expired (1.3.1996)
Cenelec	EN 60811-1-3:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 1: General application — Section 3: Methods for determining the density — Water absorption tests — Shrinkage test	IEC 60811-1-3:1993	HD 505.1.3 S2:1991 Note 2.1	Date expired (1.12.1996)
Cenelec	EN 60811-1-4:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 1: General application — Section 4: Test at low temperature	IEC 60811-1-4:1985 +A1:1993	HD 505.1.4 S1:1988 Note 2.1	Date expired (1.12.1996)
Cenelec	EN 60811-2-1:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 2: Methods specific to elastomeric compounds — Section 1: Ozone resistance test — Hot set test — Mineral oil immersion tests	IEC 60811-2-1:1986 +A1:1992 +A2:1993	HD 502.2.1 S1:1988 Note 2.1	Date expired (1.12.1996)
Cenelec	EN 60811-2-1:1998 Insulating and sheathing materials of electric cables — Common test methods — Part 2-1: Methods specific to elastomeric compounds — Section 1: Ozone resistance, hot set and mineral oil immersion tests	IEC 60811-2-1:1998	EN 60811-2-1:1995 Note 2.1	1.5.2000
Cenelec	EN 60811-3-1:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 3: Methods specific to PVC compounds — Section 1: Pressure test at high temperature — Tests for resistance to cracking Amendment A1:1996 to EN 60811-3-1:1995	IEC 60811-3-1:1985 IEC 60811-3-1:1985 /A1:1994	HD 505.3.1 S1:1988 Note 2.1 Note 3	Date expired (1.3.1996) Date expired (1.6.1997)
Cenelec	EN 60811-3-2:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 3: Methods specific to PVC compounds — Section 2: Loss of mass test — Thermal stability test	IEC 60811-3-2:1985 +A1:1993	HD 505.3.2 S1:1988 Note 2.1	Date expired (1.12.1996)
Cenelec	EN 60811-4-1:1995 Insulating and sheathing materials of electric cables — Common test methods — Part 4: Methods specific to polyethylene and polypropylene compounds — Section 1: Resistance to environmental stress cracking — Wrapping test after thermal ageing in air — Measurement of the melt flow index — Carbon black and/or mineral content measurement in PE	IEC 60811-4-1:1985 +A2:1993	HD 505.4.1 S2:1990 Note 2.1	Date expired (1.12.1996)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60811-5-1:1999 Insulating and sheathing materials of electric and optical fibre cables — Common test methods — Part 5: Methods specific to filling compounds — Section 1: Drop point — Separation of oil — Lower temperature brittleness — Total acid number — Absence of corrosive components — Permittivity at 23 °C — D.C. resistivity at 23 °C and 100 °C	IEC 60811-5-1:1990 (Modified)	HD 505.5.1 S1:1992 Note 2.1	1.4.2001
Cenelec	EN 60825-1:1994 Safety of laser products — Part 1: Equipment classification, requirements and user's guide Amendment A11:1996 to EN 60825-1:1994	IEC 60825-1:1993	None Note 3	— Date expired (1.1.1997)
Cenelec	EN 60825-2:1994 Safety of laser products — Part 2: Safety of optical fibre communication systems Amendment A1:1998 to EN 60825-2:1994	IEC 60825-2:1993 IEC 60825-2:1993 /A1:1997	None Note 3	— Date expired (1.10.1998)
Cenelec	EN 60825-4:1997 Safety of laser products — Part 4: Laser guards	IEC 60825-4:1997	None	—
Cenelec	EN 60831-1:1996 Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 1: General — Performance, testing and rating — Safety requirements — Guide for installation and operation	IEC 60831-1:1996	EN 60831-1:1993 Note 2.1	Date expired (1.8.1997)
Cenelec	EN 60831-2:1993 Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 2: Ageing test, self-healing test and destruction test	IEC 60831-2:1988 +A1:1991 +A2:1993 (Modified)	None	—
Cenelec	EN 60831-2:1996 Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 2: Ageing test, self-healing test and destruction test	IEC 60831-2:1995	EN 60831-2:1993 Note 2.1	1.12.2001
Cenelec	EN 60838-1:1998 Miscellaneous lampholders — Part 1: General requirements and tests	IEC 60838-1:1997	EN 60838-1:1994 +A1:1997 Note 2.1	Date expired (1.10.1998)
Cenelec	EN 60838-2-1:1996 Miscellaneous lampholders — Part 2: Particular requirements — Section 1: Lampholders S14 Amendment A1:1998 to EN 60838-2-1:1996	IEC 60838-2-1:1994 IEC 60838-2-1:1994 /A1:1998	None Note 3	— 1.8.2005

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60898:1991 Circuit-breakers for overcurrent protection for household and similar installations Amendment A1:1991 to EN 60898:1991 Amendment A15:1995 to EN 60898:1991 Amendment A16:1996 to EN 60898:1991 Amendment A11:1994 to EN 60898:1991 Amendment A12:1995 to EN 60898:1991 Amendment A17:1998 to EN 60898:1991 Amendment A14:1995 to EN 60898:1991 Amendment A13:1995 to EN 60898:1991 Amendment A18:1998 to EN 60898:1991	IEC 60898:1987 +A2:1990 +A3:1990 (Modified) IEC 60898:1987 /A1:1989	None Note 3 Note 3 Note 3 Note 3 Note 3 Note 3 Note 3 Note 3	— Date expired (1.7.1994) Date expired (1.2.1999) Date expired (1.9.1999) 15.7.2000 31.12.2000 1.1.2001 15.8.2001 15.8.2001 1.3.2003
Cenelec	EN 60901:1990 Single-capped fluorescent lamps — Safety and performance requirements Amendment A1:1990 to EN 60901:1990 Amendment A2:1993 to EN 60901:1990	IEC 60901:1987 IEC 60901:1987 /A1:1989 IEC 60901:1987 /A2:1992	None Note 3 Note 3	— Date expired (15.6.1991) Date expired (1.10.1999)
Cenelec	EN 60920:1991 Ballasts for tubular fluorescent lamps — General and safety requirements Amendment A1:1993 to EN 60920:1991 Amendment A2:1996 to EN 60920:1991	IEC 60920:1990 IEC 60920:1990 /A1:1993 IEC 60920:1990 /A2:1995	None Note 3 Note 3	— Date expired (1.12.1999) 1.9.2001
Cenelec	EN 60922:1991 Ballasts for discharge lamps (excluding tubular fluorescent lamps) — General and safety requirements Amendment A2:1993 to EN 60922:1991	IEC 60922:1989 IEC 60922:1989 /A2:1992	None Note 3	— Date expired (1.9.1999)
Cenelec	EN 60922:1997 Auxiliaries for lamps — Ballasts for discharge lamps (excluding tubular fluorescent lamps) — General and safety requirements	IEC 60922:1997	EN 60922:1991 and its amendment Note 2.1	1.10.2002
Cenelec	EN 60924:1991 D.C. supplied electronic ballasts for tubular fluorescent lamps — General and safety requirements Amendment A1:1994 to EN 60924:1991	IEC 60924:1990 IEC 60924:1990 /A1:1993	None Note 3	— Date expired (1.10.1999)
Cenelec	EN 60926:1990 Starting devices (other than glow starters) — General and safety requirements Amendment A2:1994 to EN 60926:1990	IEC 60926:1990 (Modified) IEC 60926:1990 /A1:1992 +A2:1993	None Note 3	— 1.3.2000

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60926:1996 Auxiliaries for lamps — Starting devices (other than glow starters) — General and safety requirements	IEC 60926:1995 (Modified)	EN 60926:1990 and its amendment Note 2.1	1.9.2001
Cenelec	EN 60928:1991 A.C. supplied electronic ballasts for tubular fluorescent lamps — General and safety requirements Amendment A2:1994 to EN 60928:1991	IEC 60928:1990 IEC 60928:1990 /A1:1992 +A2:1993	None Note 3	— Date expired (1.12.1999)
Cenelec	EN 60928:1995 Auxiliaries for lamps — A.C. supplied electronic ballasts for tubular fluorescent lamps — General and safety requirements Amendment A1:1999 to EN 60928:1995	IEC 60928:1995 IEC 60928:1995 /A1:1999	EN 60928:1991 and its amendment Note 2.1 Note 3	15.2.2001 1.8.2006
Cenelec	EN 60931-1:1996 Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 1: General — Performance, testing and rating — Safety requirements — Guide for installation and operation	IEC 60931-1:1996	EN 60931:1993 Note 2.1	Date expired (1.8.1997)
Cenelec	EN 60931-2:1993 Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 2: Ageing test and destruction test	IEC 60931-2:1992	None	—
Cenelec	EN 60931-2:1996 Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 2: Ageing test and destruction test	IEC 60931-2:1995	EN 60931-2:1993 Note 2.1	1.12.2001
Cenelec	EN 60931-3:1996 Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV — Part 3: Internal fuses	IEC 60931-3:1996	None	—
Cenelec	EN 60934:1994 Circuit-breakers for equipment (CBE) Amendment A1:1994 to EN 60934:1994 Amendment A2:1997 to EN 60934:1994 Amendment A11:1998 to EN 60934:1994	IEC 60934:1993 (Modified) IEC 60934:1993 /A1:1994 IEC 60934:1993 /A2:1997	None Note 3 Note 3 Note 3	— Date expired (1.10.1995) 1.12.2002 1.3.2003

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60947-1:1997 Low-voltage switchgear and controlgear — Part 1: General rules	IEC 60947-1:1996 (Modified)	EN 60947-1:1991 +A11:1994 +A2:1995 +A1:1996 Note 2.1	Date expired (1.6.1998)
	Amendment A1:1998 to EN 60947-1:1997	IEC 60947-1:1996 /A1:1997	Note 3	Date expired (1.10.1998)
	Amendment A2:1998 to EN 60947-1:1997	IEC 60947-1:1996 /A2:1998	Note 3	1.5.2001
Cenelec	EN 60947-1:1999 Low-voltage switchgear and controlgear — Part 1: General rules	IEC 60947-1:1999 (Modified)	EN 60947-1:1997 and its amendments Note 2.1	1.11.2001
Cenelec	EN 60947-2:1996 Low-voltage switchgear and controlgear — Part 2: Circuit-breakers	IEC 60947-2:1995	EN 60947-2:1991 +A1:1993 +A2:1995 Note 2.1	Date expired (1.10.1997)
	Amendment A11:1997 to EN 60947-2:1996		Note 3	Date expired (1.10.1997)
	Amendment A1:1997 to EN 60947-2:1996	IEC 60947-2:1995 /A1:1997	EN 60947-2:1996 /A11:1997	Date expired (1.8.1998)
Cenelec	EN 60947-3:1992 Low-voltage switchgear and controlgear — Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	IEC 60947-3:1990 (Modified)	None	—
	Amendment A1:1995 to EN 60947-3:1992	IEC 60947-3:1990 /A1:1994	Note 3	Date expired (1.12.1995)
	Amendment A2:1997 to EN 60947-3:1992	IEC 60947-3:1990 /A2:1997	Note 3	Date expired (1.10.1997)
Cenelec	EN 60947-3:1999 Low-voltage switchgear and controlgear — Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	IEC 60947-3:1999	EN 60947-3:1992 and its amendments Note 2.1	1.1.2002
Cenelec	EN 60947-4-1:1992 Low-voltage switchgear and controlgear — Part 4: Contactors and motor-starters — Section 1: Electro- mechanical contactors and motor-starters	IEC 60947-4-1:1990	None	—
	Amendment A1:1995 to EN 60947-4-1:1992	IEC 60947-4-1:1990 /A1:1994	Note 3	Date expired (1.10.1997)
	Amendment A2:1997 to EN 60947-4-1:1992	IEC 60947-4-1:1990 /A2:1996	Note 3	Date expired (1.10.1997)
Cenelec	EN 60947-4-2:1996 Low-voltage switchgear and controlgear — Part 4: Contactors and motor-starters — Section 2: A.C. semiconductor motor controllers and starters	IEC 60947-4-2:1995 (Modified)	None	—
	Amendment A1:1997 to EN 60947-4-2:1996	IEC 60947-4-2:1995 /A1:1997	Note 3	Date expired (1.3.1999)
	Amendment A2:1998 to EN 60947-4-2:1996	IEC 60947-4-2:1995 /A2:1998	Note 3	1.7.2001

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60947-5-1:1991 Low-voltage switchgear and controlgear — Part 5: Control circuit devices and switching elements — Section 1: Electromechanical control circuit devices Amendment A1:1997 to EN 60947-5-1:1991 Amendment A12:1997 to EN 60947-5-1:1991 Amendment A2:1997 to EN 60947-5-1:1991	IEC 60947-5-1:1990 IEC 60947-5-1:1990 /A1:1994 IEC 60947-5-1:1990 /A2:1996	None Note 3 Note 3 Note 3	— Date expired (1.10.1997) Date expired (1.10.1997) Date expired (1.10.1997)
Cenelec	EN 60947-5-1:1997 Low-voltage switchgear and controlgear — Part 5: Control circuit devices and switching elements — Electromechanical control circuit devices Amendment A1:1999 to EN 60947-5-1:1997	IEC 60947-5-1:1997 IEC 60947-5-1:1997 /A1:1999	EN 60947-5-1:1991 and its amendments Note 2.1 Note 3	Date expired (1.7.1998) 1.8.2002
Cenelec	EN 60947-5-2:1997 Low-voltage switchgear and controlgear — Part 5: Control circuit devices and switching elements — Section 2: Proximity switches	IEC 60947-5-2:1992 +A1:1994 +A2:1995 (Modified)	None	—
Cenelec	EN 60947-5-2:1998 Low-voltage switchgear and controlgear — Part 5-2: Control circuit devices and switching elements — Proximity switches Amendment A1:1999 to EN 60947-5-2:1998	IEC 60947-5-2:1997 (Modified) IEC 60947-5-2:1997 /A1:1999	EN 60947-5-2:1997 Note 2.1 Note 3	1.10.2001 1.8.2002
Cenelec	EN 60947-5-3:1999 Low-voltage switchgear and controlgear — Part 5-3: Control circuit devices and switching elements — Requirements for proximity devices with defined behaviour under fault conditions (PDF)	IEC 60947-5-3:1999	None	—
Cenelec	EN 60947-5-4:1997 Low-voltage switchgear and controlgear — Part 5: Control circuit devices and switching elements — Section 4: Methods of assessing the performance of low energy contacts — Special tests	IEC 60947-5-4:1996	None	—
Cenelec	EN 60947-5-5:1997 Low-voltage switchgear and controlgear — Part 5-5: Control circuit devices and switching elements — Electrical emergency stop device with mechanical latching function	IEC 60947-5-5:1997	None	—
Cenelec	EN 60947-6-1:1991 Low-voltage switchgear and controlgear — Part 6: Multiple function equipment — Section 1: Automatic transfer switching equipment Amendment A1:1994 to EN 60947-6-1:1991 Amendment A2:1997 to EN 60947-6-1:1991	IEC 60947-6-1:1989 IEC 60947-6-1:1989 /A1:1994 IEC 60947-6-1:1989 /A2:1997	None Note 3 EN 60947-6-1:1991 /A11:1997	— 1.10.2000 Date expired (1.7.1998)

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60947-6-2:1993 Low-voltage switchgear and controlgear — Part 6-2: Multiple function equipment — Control and protective switching devices (or equipment) (CPS) Amendment A1:1997 to EN 60947-6-2:1993 Amendment A2:1999 to EN 60947-6-2:1993	IEC 60947-6-2:1992 IEC 60947-6-2:1992 /A1:1997 IEC 60947-6-2:1992 /A2:1998	None EN 60947-6-2:1993 /A11:1997 Note 3	— Date expired (1.7.1998) 1.10.2001
Cenelec	EN 60947-7-1:1991 Low-voltage switchgear and controlgear — Part 7: Ancillary equipment — Section 1: Terminal blocks for copper conductors Amendment A11:1997 to EN 60947-7-1:1991 Amendment A1:1999 to EN 60947-7-1:1991	IEC 60947-7-1:1989 IEC 60947-7-1:1989 /A1:1999	None Note 3 EN 60947-7-1:1991 /A11:1997	— Date expired (1.10.1997) 1.8.2002
Cenelec	EN 60947-7-2:1995 Low-voltage switchgear and controlgear — Part 7: Ancillary equipment — Section 2: Protective conductor terminal blocks for copper conductors	IEC 60947-7-2:1995	None	—
Cenelec	EN 60950:1992 Safety of information technology equipment Amendment A2:1993 to EN 60950:1992 Amendment A1:1993 to EN 60950:1992 Amendment A3:1995 to EN 60950:1992 Amendment A4:1997 to EN 60950:1992 Amendment A11:1997 to EN 60950:1992	IEC 60950:1991 (Modified) IEC 60950:1991 /A2:1993 (Modified) IEC 60950:1991 /A1:1992 IEC 60950:1991 /A3:1995 (Modified) IEC 60950:1991 /A4:1996 (Modified)	None Note 3 Note 3 Note 3 Note 3 Note 3	— 1.3.2000 1.3.2000 1.1.2002 1.8.2003 1.8.2003
Cenelec	EN 60967:1990 Safety of electrically heated blankets, pads and similar flexible heating appliances for household use Amendment A51:1994 to EN 60967:1990 Amendment A1:1993 to EN 60967:1990 Amendment A2:1997 to EN 60967:1990	IEC 60967:1988 (Modified) IEC 60967:1988 /A1:1991 (Modified) IEC 60967:1988 /A2:1995 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.7.1996) 1.12.2000 1.10.2003
Cenelec	EN 60968:1990 Self-ballasted lamps for general lighting services — Safety requirements Amendment A1:1993 to EN 60968:1990 Amendment A2:1999 to EN 60968:1990	IEC 60968:1988 (Modified) IEC 60968:1988 /A1:1991 IEC 60968:1988 /A2:1999	None Note 3 Note 3	— Date expired (1.12.1998) 1.10.2002

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 60974-1:1990 Safety requirements for arc welding equipment — Part 1: Welding power sources	IEC 60974-1:1989 (Modified)	None	—
Cenelec	EN 60974-1:1998 Arc welding equipment — Part 1: Welding power sources	IEC 60974-1:1998	EN 60974-1:1990 Note 2.1	1.1.2001
Cenelec	EN 60974-11:1995 Arc welding equipment — Part 11: Electrode holders	IEC 60974-11:1992 (Modified)	HD 362 S1:1977 Note 2.1	1.12.2000
Cenelec	EN 60974-12:1995 Arc welding equipment — Part 12: Coupling devices for welding cables	IEC 60974-12:1992 (Modified)	HD 433 S1:1983 Note 2.1	1.12.2000
Cenelec	EN 60998-1:1993 Connecting devices for low voltage circuits for household and similar purposes — Part 1: General requirements	IEC 60998-1:1990 (Modified)	None	—
Cenelec	EN 60998-2-1:1993 Connecting devices for low-voltage circuits for household and similar purposes — Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units	IEC 60998-2-1:1990 (Modified)	None	—
Cenelec	EN 60998-2-2:1993 Connecting devices for low-voltage circuits for household and similar purposes — Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units	IEC 60998-2-2:1991	None	—
Cenelec	EN 60998-2-3:1993 Connecting devices for low-voltage circuits for household and similar purposes — Part 2-3: Particular requirements for connecting devices as separate entities with insulation piercing clamping units	IEC 60998-2-3:1991	None	—
Cenelec	EN 60998-2-4:1993 Connecting devices for low-voltage circuits for household and similar purposes — Part 2-4: Particular requirements for twist-on connecting devices	IEC 60998-2-4:1993	None	—
Cenelec	EN 60999-1:1993 Connecting devices — Safety requirements for screw-type and screwless-type clamping units for electrical copper conductors — Part 1: General requirements and particular requirements for conductors from 0,5 mm ² up to 35 mm ² (included)	IEC 60999-1:1990 (Modified)	None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61008-1:1994 Electrical accessories — Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) — Part 1: General rules Amendment A2:1995 to EN 61008-1:1994 Amendment A11:1995 to EN 61008-1:1994 Amendment A12:1998 to EN 61008-1:1994 Amendment A14:1998 to EN 61008-1:1994 Amendment A13:1998 to EN 61008-1:1994	IEC 61008-1:1990 +A1:1992 (Modified) IEC 61008-1:1990 /A2:1995	None Note 3 Note 3 Note 3 Note 3	— 1.7.2000 1.7.2000 1.1.2001 1.1.2001 1.3.2003
Cenelec	EN 61008-2-1:1994 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) — Part 2-1: Applicability of the general rules to RCCBs functionally independent of line voltage Amendment A11:1998 to EN 61008-2-1:1994	IEC 61008-2-1:1990	None Note 3	— 1.4.2001
Cenelec	EN 61009-1:1994 Electrical accessories — Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) — Part 1: General rules Amendment A1:1995 to EN 61009-1:1994 Amendment A11:1995 to EN 61009-1:1994 Amendment A2:1998 to EN 61009-1:1994 Amendment A14:1998 to EN 61009-1:1994 Amendment A13:1998 to EN 61009-1:1994 Amendment A15:1998 to EN 61009-1:1994	IEC 61009-1:1991 (Modified) IEC 61009-1:1991 /A1:1995	None Note 3 Note 3 Note 3 Note 3 Note 3	— 1.7.2000 1.7.2000 1.1.2001 1.1.2001 1.1.2001 1.3.2003
Cenelec	EN 61009-2-1:1994 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) — Part 2-1: Applicability of the general rules to RCBOs functionally independent of line voltage Amendment A11:1998 to EN 61009-2-1:1994	IEC 61009-2-1:1991	None Note 3	— 1.4.2001
Cenelec	EN 61010-1:1993 Safety requirements for electrical equipment for measurement, control and laboratory use — Part 1: General requirements Amendment A2:1995 to EN 61010-1:1993	IEC 61010-1:1990 +A1:1992 (Modified) IEC 61010-1:1990 /A2:1995	None Note 3	— 1.4.2001

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61010-2-010:1994 Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-010: Particular requirements for laboratory equipment for the heating of materials	IEC 61010-2-010:1992 (Modified)	None	—
	Amendment A1:1996 to EN 61010-2-010:1994	IEC 61010-2-010:1992 /A1:1996	Note 3	1.12.2001
Cenelec	EN 61010-2-020:1994 Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-020: Particular requirements for laboratory centrifuges	IEC 61010-2-020:1992 (Modified)	None	—
	Amendment A1:1996 to EN 61010-2-020:1994	IEC 61010-2-020:1992 /A1:1996	Note 3	1.12.2001
Cenelec	EN 61010-2-031:1994 Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-031: Particular requirements for hand-held probe assemblies for electrical measurement and test	IEC 61010-2-031:1993	None	—
Cenelec	EN 61010-2-032:1995 Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-032: Particular requirements for hand-held current clamps for electrical measurement and test	IEC 61010-2-032:1994	None	—
Cenelec	EN 61010-2-041:1996 Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-041: Particular requirements for autoclaves using steam for the treatment of medical materials, and for laboratory processes	IEC 61010-2-041:1995	None	—
Cenelec	EN 61010-2-042:1997 Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-042: Particular requirements for autoclaves and sterilisers using toxic gas for the treatment of medical materials, and for laboratory processes	IEC 61010-2-042:1997	None	—
Cenelec	EN 61010-2-043:1997 Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-043: Particular requirements for dry heat sterilisers using either hot air or hot inert gas for the treatment of medical materials, and for laboratory processes	IEC 61010-2-043:1997	None	—
Cenelec	EN 61010-2-051:1995 Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-051: Particular requirements for laboratory equipment for mechanical mixing and stirring	IEC 61010-2-051:1995	None	—
Cenelec	EN 61010-2-061:1996 Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomisation and ionisation	IEC 61010-2-061:1995	None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61028:1993 Electrical measuring instruments — X-Y recorders Amendment A2:1997 to EN 61028:1993	IEC 61028:1991 IEC 61028:1991 /A2:1997	None Note 3	— Date expired (1.7.1998)
Cenelec	EN 61046:1994 D.C. or a.c. supplied electronic step-down convertors for filament lamps — General and safety requirements Amendment A1:1996 to EN 61046:1994	IEC 61046:1993 IEC 61046:1993 /A1:1995	None Note 3	— Date expired (1.9.1996)
Cenelec	EN 61048:1993 Auxiliaries for lamps — Capacitors for use in tubular fluorescent and other discharge lamp circuits — General and safety requirements Amendment A1:1996 to EN 61048:1993 Amendment A2:1999 to EN 61048:1993	IEC 61048:1991 (Modified) IEC 61048:1991 /A1:1995 IEC 61048:1991 /A2:1999	None Note 3 Note 3	— 1.9.2001 1.10.2001
Cenelec	EN 61050:1992 Transformers for tubular discharge lamps having a no-load output voltage exceeding 1 kV (generally called neon-transformers) — General and safety requirements Amendment A1:1995 to EN 61050:1992	IEC 61050:1991 (Modified) IEC 61050:1991 /A1:1994 (Modified)	None Note 3	— 1.7.2001
Cenelec	EN 61058-1:1992 Switches for appliances — Part 1: General requirements Amendment A1:1993 to EN 61058-1:1992	IEC 61058-1:1990 IEC 61058-1:1990 /A1:1993	None Note 3	— Date expired (1.7.1995)
Cenelec	EN 61058-2-1:1993 Switches for appliances — Part 2-1: Particular requirements for cord switches Amendment A1:1996 to EN 61058-2-1:1993	IEC 61058-2-1:1992 IEC 61058-2-1:1992 /A1:1995	None Note 3	— 1.9.2001
Cenelec	EN 61058-2-5:1994 Switches for appliances — Part 2-5: Particular requirements for change-over selectors	IEC 61058-2-5:1994	None	—
Cenelec	EN 61071-1:1996 Power electronic capacitors — Part 1: General	IEC 61071-1:1991 (Modified)	None	—
Cenelec	EN 61071-2:1996 Power electronic capacitors — Part 2: Requirements for disconnecting test on fuses, destruction test, self-healing test and endurance test	IEC 61071-2:1994	None	—
Cenelec	EN 61095:1993 Electromechanical contactors for household and similar purposes Amendment A11:1996 to EN 61095:1993	IEC 61095:1992	None Note 3	— Date expired (1.9.1996)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61131-2:1994 Programmable controllers — Part 2: Equipment requirements and tests Amendment A1:1996 to EN 61131-2:1994	IEC 61131-2:1992	None Note 3	— Date expired (1.12.1996)
Cenelec	EN 61143-1:1994 Electrical measuring instruments — X-t recorders — Part 1: Definitions and requirements Amendment A1:1997 to EN 61143:1994	IEC 61143-1:1992 IEC 61143-1:1992 /A1:1997	None Note 3	— 1.7.2003
Cenelec	EN 61143-2:1994 Electrical measuring instruments — X-t recorders — Part 2: Recommended additional test methods	IEC 61143-2:1992	None	—
Cenelec	EN 61184:1994 Bayonet lampholders Amendment A1:1996 to EN 61184:1994	IEC 61184:1993 (Modified) IEC 61184:1993 /A1:1996	None Note 3	— 1.4.2002
Cenelec	EN 61184:1997 Bayonet lampholders	IEC 61184:1997	EN 61184:1994 and its amendment Note 2.1	1.7.2003
Cenelec	EN 61187:1994 Electrical and electronic measuring equipment — Documentation	IEC 61187:1993 (Modified)	None	—
Cenelec	EN 61195:1994 Double-capped fluorescent lamps — Safety specifications Amendment A1:1998 to EN 61195:1994	IEC 61195:1993 IEC 61195:1993 /A1:1998	None Note 3	— 1.5.2001
Cenelec	EN 61199:1994 Single-capped fluorescent lamps — Safety specifications Amendment A2:1998 to EN 61199:1994 Amendment A1:1997 to EN 61199:1994	IEC 61199:1993 IEC 61199:1993 /A2:1998 IEC 61199:1993 /A1:1997	None Note 3 Note 3	— 1.5.2001 1.4.2003
Cenelec	EN 61204:1995 Low-voltage power supply devices, d.c. output — Performance characteristics and safety requirements	IEC 61204:1993 (Modified)	None	—
Cenelec	EN 61210:1995 Connecting devices — Flat quick-connect terminations for electrical copper conductors — Safety requirements	IEC 61210:1993 (Modified)	None	—
Cenelec	EN 61230:1995 Live working — Portable equipment for earthing or earthing and short-circuiting	IEC 61230:1993 (Modified)	None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61236:1995 Saddles, pole clamps (stick clamps) and accessories for live working	IEC 61236:1993 (Modified)	None	—
Cenelec	EN 61242:1997 Electrical accessories — Cable reels for household and similar purposes	IEC 61242:1995 (Modified)	None	—
Cenelec	EN 61243-3:1998 Live working — Voltage detectors — Part 3: Two-pole low-voltage type	IEC 61243-3:1998	None	—
Cenelec	EN 61270-1:1996 Capacitors for microwave ovens — Part 1: General	IEC 61270-1:1996	None	—
Cenelec	EN 61293:1994 Marking of electrical equipment with ratings related to electrical supply — Safety requirements	IEC 61293:1994	None	—
Cenelec	EN 61307:1996 Industrial microwave heating installations — Test methods for the determination of power output	IEC 61307:1994	None	—
Cenelec	EN 61308:1996 High-frequency dielectric heating installations — Test methods for the determination of power output	IEC 61308:1994	None	—
Cenelec	EN 61310-1:1995 Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, auditory and tactile signals	IEC 61310-1:1995	None	—
Cenelec	EN 61310-2:1995 Safety of machinery — Indication, marking and actuation — Part 2: Requirements for marking	IEC 61310-2:1995	None	—
Cenelec	EN 61310-3:1999 Safety of machinery — Indication, marking and actuation — Part 3: Requirements for the location and operation of actuators	IEC 61310-3:1999	None	—
Cenelec	EN 61400-2:1996 Wind turbine generator systems — Part 2: safety of small wind turbines	IEC 61400-2:1996	None	—
Cenelec	EN 61549:1996 Miscellaneous lamps Amendment A1:1997 to EN 61549:1996	IEC 61549:1996 IEC 61549:1996 /A1:1997	None Note 3	— 1.4.2003
Cenelec	EN 61557-1:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 1: General requirements	IEC 61557-1:1997	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61557-2:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 2: Insulation resistance	IEC 61557-2:1997	None	—
Cenelec	EN 61557-3:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 3: Loop impedance	IEC 61557-3:1997	None	—
Cenelec	EN 61557-4:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 4: Resistance of earth connection and equipotential bonding	IEC 61557-4:1997	None	—
Cenelec	EN 61557-5:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 5: Resistance to earth	IEC 61557-5:1997	None	—
Cenelec	EN 61557-6:1998 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 6: Residual current devices (RCD) in TT, TN and IT systems	IEC 61557-6:1997 (Modified)	None	—
Cenelec	EN 61557-7:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 7: Phase sequence	IEC 61557-7:1997	None	—
Cenelec	EN 61557-8:1997 Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. — Equipment for testing, measuring or monitoring of protective measures — Part 8: Insulation monitoring devices for IT systems	IEC 61557-8:1997	None	—
Cenelec	EN 61558-1:1997 Safety of power transformers, power supply units and similar — Part 1: General requirements and tests Amendment A1:1998 to EN 61558-1:1997	IEC 61558-1:1997 (Modified) IEC 61558-1:1997 /A1:1998	EN 60742:1995 Note 2.3 Note 3	— 1.1.2001
Cenelec	EN 61558-2-1:1997 Safety of power transformers, power supply units and similar — Part 2-1: Particular requirements for separating transformers for general use	IEC 61558-2-1:1997	None	—
Cenelec	EN 61558-2-2:1998 Safety of power transformers, power supply units and similar — Part 2-2: Particular requirements for control transformers	IEC 61558-2-2:1997	None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	EN 61558-2-4:1997 Safety of power transformers, power supply units and similar — Part 2-4: Particular requirements for isolating transformers for general use	IEC 61558-2-4:1997	EN 60742:1995 Note 2.3	1.8.2001
Cenelec	EN 61558-2-5:1998 Safety of power transformers, power supply units and similar — Part 2-5: Particular requirements for shaver transformers and shaver supply units	IEC 61558-2-5:1997	EN 60742:1995 Note 2.1	1.1.2002
Cenelec	EN 61558-2-6:1997 Safety of power transformers, power supply units and similar — Part 2-6: Particular requirements for safety isolating transformers for general use	IEC 61558-2-6:1997	EN 60742:1995 Note 2.3	1.8.2001
Cenelec	EN 61558-2-7:1997 Safety of power transformers, power supply units and similar — Part 2-7: Particular requirements for transformers for toys	IEC 61558-2-7:1997 (Modified)	EN 60742:1995 Note 2.3	1.8.2001
Cenelec	EN 61558-2-8:1998 Safety of power transformers, power supply units and similar — Part 2-8: Particular requirements for bell and chime transformers	IEC 61558-2-8:1998	EN 60742:1995 Note 2.1	1.7.2001
Cenelec	EN 61558-2-17:1997 Safety of power transformers, power supply units and similar — Part 2-17: Particular requirements for transformers for switch mode power supplies	IEC 61558-2-17:1997	None	—
Cenelec	EN 61603-1:1997 Transmission of audio and/or video and related signals using infrared radiation — Part 1: General	IEC 61603-1:1997	None	—
Cenelec	EN 61770:1999 Electric appliances connected to the water mains — Avoidance of backsiphonage and failure of hose-sets	IEC 61770:1998	EN 50084:1992 and its amendment Note 2.1	1.4.2002
Cenelec	EN 61812-1:1996 Specified time relays for industrial use — Part 1: Requirements and tests Amendment A11:1999 to EN 61812-1:1996	IEC 61812-1:1996	None Note 3	— 1.1.2002
Cenelec	EN 62020:1998 Electrical accessories — Residual current monitors for household and similar use (RCMs)	IEC 62020:1998	None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 21.1 S3:1997 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 1: General requirements		HD 21.1 S2:1990 +A5:1990 +A6:1991 +A7:1992 +A8:1994 +A9:1993 +A12:1993 +A13:1994 +A15:1995 +A16:1995 +A14:1997 Note 2.1	Date expired (1.6.1999)
Cenelec	HD 21.2 S3:1997 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 2: Test methods		HD 21.2 S2:1990 +A2:1990 +A3:1993 +A6:1995 +A4:1993 +A11:1995 +A13:1995 Note 2.1	Date expired (1.6.1999)
Cenelec	HD 21.3 S3:1995 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 3: Non-sheathed cables for fixed wiring Amendment A1:1999 to HD 21.3 S3:1995	IEC 60227-3:1993 (Modified)	None Note 3	— 1.8.2001
Cenelec	HD 21.4 S2:1990 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 4: Sheathed cables for fixed wiring	IEC 60227-4:1979 (Modified)	HD 21.4 S2:1982 Note 2.1	—
Cenelec	HD 21.5 S3:1994 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 5: Flexible cables (cords) Amendment A1:1999 to HD 21.5 S3:1994	IEC 60227-5:1979 (Modified)	None Note 3	— 1.8.2001
Cenelec	HD 21.7 S2:1996 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 7: Single core non-sheathed cables for internal wiring for a conductor temperature of 90 °C Amendment A1:1999 to HD 21.7 S2:1996		HD 21.7 S1:1990 +A1:1992 +A2:1993 Note 2.1 Note 3	Date expired (1.9.1997) 1.8.2001
Cenelec	HD 21.8 S1:1990 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 8: Single core non-sheathed cables for decorative chains Amendment A2:1994 to HD 21.8 S1:1990		None Note 3	— Date expired (15.7.1996)
Cenelec	HD 21.8 S2:1999 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 8: Single core non-sheathed cables for decorative chains		HD 21.8 S1:1990 and its amendment Note 2.1	1.8.2001

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 21.9 S2:1995 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 9: Single core non-sheathed cable for installation at low temperatures Amendment A1:1999 to HD 21.9 S2:1995		None Note 3	— 1.8.2001
Cenelec	HD 21.10 S1:1993 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 10: Extensible leads		None	—
Cenelec	HD 21.11 S1:1995 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 11: Cables for luminaires		None	—
Cenelec	HD 21.12 S1:1994 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 12: Heat-resistant flexible cables (cords)		None	—
Cenelec	HD 21.13 S1:1995 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V — Part 13: Oil resistant PVC sheathed cables with two or more conductors		None	—
Cenelec	HD 22.1 S3:1997 Rubber insulated cables for rated voltages up to and including 450/750 V — Part 1: General requirements		HD 22.1 S2:1992 +A11:1992 +A12:1992 +A13:1992 +A14:1994 +A15:1993 +A16:1994 +A17:1995 +A18:1995 +A19:1995 +A20:1996 Note 2.1	Date expired (1.6.1999)
Cenelec	HD 22.2 S3:1997 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 2: Test methods		HD 22.2 S2:1992 +A5:1992 +A6:1992 +A7:1992 +A8:1993 +A10:1995 +A11:1995 +A9:1993 Note 2.1	Date expired (1.6.1999)
Cenelec	HD 22.3 S3:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 3: Heat resistant silicone rubber insulated cables Amendment A1:1999 to HD 22.3 S3:1995	IEC 60245-3:1980 (Modified)	HD 22.3 S2:1992 Note 2.1 Note 3	Date expired (1.7.1997) 1.6.2000

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 22.4 S3:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 4: Cords and flexible cables Amendment A1:1999 to HD 22.4 S3:1995	IEC 60245-4:1994 (Modified)	None Note 3	— 1.6.2000
Cenelec	HD 22.6 S2:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 6: Arc welding cables Amendment A1:1999 to HD 22.6 S2:1995		HD 22.6 S1:1990 Note 2.1 Note 3	Date expired (1.7.1997) 1.6.2000
Cenelec	HD 22.7 S2:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 7: Cables with increased heat resistance for internal wiring for a conductor temperature of 110 °C Amendment A1:1999 to HD 22.7 S2:1995		HD 22.7 S1:1992 Note 2.1 Note 3	Date expired (1.7.1997) 1.6.2000
Cenelec	HD 22.8 S2:1994 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 8: Polychloroprene or equivalent synthetic elastomer sheathed cable for decorative chains Amendment A1:1999 to HD 22.8 S2:1994		None Note 3	— 1.6.2000
Cenelec	HD 22.9 S2:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 9: Single core non-sheathed cables for fixed wiring having low emission of smoke and corrosive gases Amendment A1:1999 to HD 22.9 S2:1995		HD 22.9 S1:1992 Note 2.1 Note 3	Date expired (1.7.1997) 1.6.2000
Cenelec	HD 22.10 S1:1994 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 10: EPR insulated and polyurethane sheathed flexible cable Amendment A1:1999 to HD 22.10 S1:1994		None Note 3	— 1.6.2000
Cenelec	HD 22.11 S1:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 11: EVA cords and flexible cables Amendment A1:1999 to HD 22.11 S1:1995		None Note 3	— 1.6.2000
Cenelec	HD 22.12 S1:1996 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 12: Heat resistant EPR cords and flexible cables Amendment A1:1999 to HD 22.12 S1:1996		None Note 3	— 1.6.2000
Cenelec	HD 22.13 S1:1996 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 13: Single and multicore flexible cables, insulated and sheathed with cross-linked polymer and having low emission of smoke and corrosive gases		None	—
Cenelec	HD 22.14 S1:1995 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 14: Cords for applications requiring high flexibility Amendment A1:1999 to HD 22.14 S1:1995		None Note 3	— 1.7.2001

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 22.15 S1:1999 Rubber insulated cables of rated voltages up to and including 450/750 V — Part 15: Multicore cables insulated and sheathed with heat resistant silicone rubber		None	—
Cenelec	HD 27 S1:1983 Colours of the cores of flexible cables and cords	IEC 60173:1964	None	—
Cenelec	HD 194 S1:1977 Requirements concerning the electrical safety of laser-apparatus and installations		None	—
Cenelec	HD 196 S1:1978 Plugs, socket-outlets and couplers for industrial purposes	IEC 60309:1969 +IEC 60309A:1973	None	—
Cenelec	HD 207 S1:1977 Recommendation for capacitors for inductive heat generating plants operating at frequencies between 40 Hz and 24 Hz	IEC 60110:1973	None	—
Cenelec	HD 250 S1:1977 General specification for electric motor operated appliances for household and similar purposes Amendment HD 250.2 S1:1978 to HD 250 S1:1977	CEE 10 Part I:1964 +A1:1970 +A2:1971 (Modified)	None Note 3	— Date expired (1.1.1980)
Cenelec	HD 251 S3:1982 Safety of household and similar electrical appliances — Part 1: General requirements Amendment A1:1985 to HD 251 S3:1982 Amendment A3:1987 to HD 251 S3:1982 Amendment A2:1987 to HD 251 S3:1982	IEC 60335-1:1976 +A1:1977 +A2:1979 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.7.1987) Date expired (1.7.1988) Date expired (1.7.1988)
Cenelec	HD 262 S1:1977 Particular specification for portable immersion heaters Amendment HD 262.2 S1:1978 to HD 262 S1:1977 Amendment HD 262.3 S1:1989 to HD 262 S1:1977 Amendment HD 262.4 S1:1990 to HD 262 S1:1977	CEE 11 Part II: Section C:1968 (Modified)	None Note 3 Note 3 Note 3	— Date expired (1.1.1980) Date expired (1.12.1990) Date expired (1.5.1998)

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 277 S1:1985 Safety of household and similar electrical appliances — Part 2: Particular requirements for motorcompressors Amendment A1:1989 to HD 277 S1:1985 Amendment A2:1995 to HD 277 S1:1985	IEC 60335-2-34:1980 (Modified) IEC 60335-2-34:1980 /A1:1987 IEC 60335-2-34:1980 /A3:1992	None Note 3 HD 277 S1:1985 /A1:1989	— Date expired (1.10.1992) 1.1.2003
Cenelec	HD 278 S1:1987 Safety of household and similar electrical appliances — Part 2: Particular requirements for room heaters Amendment A2:1989 to HD 278 S1:1987 Amendment A1:1988 to HD 278 S1:1987 Amendment A3:1990 to HD 278 S1:1987 Amendment A4:1990 to HD 278 S1:1987 Amendment A5:1990 to HD 278 S1:1987 Amendment A6:1991 to HD 278 S1:1987	IEC 60335-2-30:1979 (Modified)	None Note 3 Note 3 Note 3 Note 3 Note 3 Note 3	— Date expired (1.3.1991) Date expired (1.7.1991) Date expired (1.9.1991) Date expired (1.12.1991) Date expired (1.12.1996) Date expired (1.12.1996)
Cenelec	HD 280 S1:1986 Safety requirements for electric fans and regulators — Part 1: Fans and regulators for household and similar purposes	IEC 60342-1:1981 +A1:1982 (Modified)	None	—
Cenelec	HD 280.2 S1:1990 Safety requirements for electric fans and regulators — Part 2: Fans and regulators for use in ships	IEC 60342-2:1982	None	—
Cenelec	HD 280.3 S1:1990 Safety requirements for electric fans and regulators — Part 3: Jet fans	IEC 60342-3:1982	None	—
Cenelec	HD 282 S1:1990 Safety of household and similar electrical appliances — Part 2: Particular requirements for instantaneous water heaters Amendment A1:1992 to HD 282 S1:1990	IEC 60335-2-35:1982 (Modified)	None Note 3	— 1.4.2000
Cenelec	HD 283 S1:1992 Safety of household and similar electrical appliances — Particular requirements for the maximum temperature allowed for the surfaces of air-outlet grilles of thermal storage room heating appliances		None	—
Cenelec	HD 289 S1:1990 Safety of household and similar electrical appliances — Particular rules for routine tests referring to appliances under the scope of EN 60335-1 Amendment A1:1992 to HD 289 S1:1990		None Note 3	— Date expired (1.8.1992)

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 308 S1:1976 Identification and use of cores of flexible cables		None	—
Cenelec	HD 324 S1:1977 Identification of insulated and bare conductors by colours	IEC 60446:1973	None	—
Cenelec	HD 359 S2:1990 Flat polyvinylchloride sheathed lift cables		None	—
Cenelec	HD 360 S2:1990 Circular rubber insulated lift cables for normal use Amendment A1:1991 to HD 360 S2:1990		None Note 3	— Date expired (1.1.1998)
Cenelec	HD 361 S3:1999 System for cable designation		None	—
Cenelec	HD 362 S1:1977 Safety rules for the construction of equipment for electric arc welding and allied processes		None	—
Cenelec	HD 368 S1:1978 Direct acting recording electrical measuring instruments and their accessoires	IEC 60258:1968 +A1:1976	None	—
Cenelec	HD 405.1 S1:1983 Tests on electric cables under fire conditions — Part 1: Test on a single vertical insulated wire or cable Amendment A1:1992 to HD 405.1 S1:1983	IEC 60332-1:1979	None Note 3	— Date expired (1.12.1994)
Cenelec	HD 405.2 S1:1991 Tests on electric cables under fire conditions — Part 2: Test on a single small vertical insulated copper wire or cable	IEC 60332-2:1989	None	—
Cenelec	HD 405.3 S1:1993 Tests on electric cables under fire conditions — Part 3: Tests on bunched wires or cables	IEC 60332-3:1992	None	—
Cenelec	HD 407 S1:1980 Safety rules for the use of equipment for electric arc welding and allied processes		None	—
Cenelec	HD 419.2 S1:1987 Low-voltage controlgear — Part 2: Semiconductor contactors (solid state contactors)	IEC 60158-2:1982 (Modified)	None	—
Cenelec	HD 427 S1:1981 Specific safety rules for the installation of equipment for electric arc welding and allied processes		None	—

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 433 S1:1983 Safety requirements for arc welding equipment — Coupling devices for welding cables		None	—
Cenelec	HD 434 S1:1983 Ripple control receivers		None	—
Cenelec	HD 505.4.2 S1:1992 Common test methods for insulating and sheathing materials of electric cables — Part 4: Methods specific to polyethylene and polypropylene compounds — Section 2: Elongation at break after preconditioning — Wrapping test after thermal ageing in air — Measurement of mass increase — Longterm stability test (Appendix A) — Test method for copper-catalysed oxidative degradation (Appendix B)	IEC 60811-4-2:1990	None	—
Cenelec	HD 505.5.1 S1:1992 Common test methods for insulating and sheathing materials of electric cables — Part 5: Methods specific to filling compounds — Section 1: Drop-point — Separation of oil — Lower temperature brittleness — Total acid number — Absence of corrosive components — Permittivity at 23 °C — D.C. Resistivity at 23 °C and 100 °C	IEC 60811-5-1:1990	None	—
Cenelec	HD 516 S2:1997 Guide to use of low voltage harmonised cables		None	—
Cenelec	HD 528 S2:1997 A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and controlgear	IEC 60890:1987 +A1:1995	HD 528 S1:1989 Note 2.1	Date expired (1.12.1997)
Cenelec	HD 549 S1:1989 Conference systems — Electrical and audio requirements	IEC 60914:1988	None	—
Cenelec	HD 586.1 S1:1994 Mineral insulated cables with a rated voltage not exceeding 750 V — Part 1: Cables		None	—
Cenelec	HD 586.2 S1:1994 Mineral insulated cables with a rated voltage not exceeding 750 V — Part 2: Terminations		None	—
Cenelec	HD 597 S1:1992 Coupling capacitors and capacitor dividers	IEC 60358:1990	None	—
Cenelec	HD 602 S1:1992 Test on gases evolved during combustion of materials from cables — Determination of degree of acidity (corrosivity) of gases by measuring pH and conductivity	IEC 60754-2:1991 (Modified)	None	—
Cenelec	HD 603 S1:1994 Distribution cables of rated voltage 0,6/1 kV		None	—

European Standards Body (1)	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 604 S1:1994 0,6/1 kV and 1,9/3,3 kV power cables with special fire performance for use in power stations		None	—
Cenelec	HD 605 S1:1994 Electric cables — Additional test methods		None	—
Cenelec	HD 606.1 S1:1992 Measurement of smoke density of electric cables burning under defined conditions — Part 1: Test apparatus	IEC 61034-1:1990 (Modified)	None	—
Cenelec	HD 606.2 S1:1992 Measurement of smoke density of electric cables burning under defined conditions — Part 2: Test procedure and requirements	IEC 61034-2:1991 (Modified)	None	—
Cenelec	HD 625.1 S1:1996 Insulation coordination for equipment within low-voltage systems — Part 1: Principles, requirements and tests	IEC 60664-1:1992 (Modified)	None	—
Cenelec	HD 625.3 S1:1997 Insulation coordination for equipment within low-voltage systems — Part 3: Use of coatings to achieve insulation coordination of printed board assemblies	IEC 60664-3:1992	None	—
Cenelec	HD 626 S1:1996 Overhead distribution cables of rated voltage $U_0/U(U_m)$: 0,6/1 (1,2) kV		None	—
Cenelec	HD 627 S1:1996 Multicore and multipair cable for installation above and below ground		None	—
Cenelec	HD 630.2.1 S1:1996 Low-voltage fuses — Part 2: Supplementary requirements for fuses for use by authorised persons (fuses mainly for industrial application) — Sections I to III	IEC 60269-2-1:1987 +A1:1993 +A2:1994 (Modified)	None	—
Cenelec	HD 630.2.1 S2:1997 Low-voltage fuses — Part 2-1: Supplementary requirements for fuses for use by authorised persons (fuses mainly for industrial application) — Sections I to IV: Examples of types of standardised fuses for use by authorised persons	IEC 60269-2-1:1996 (Modified)	HD 630.2.1 S1:1996 Note 2.1	1.6.2003

European Standards Body ⁽¹⁾	Reference and title of the standard	Reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard Note 1
Cenelec	HD 630.2.1 S3:1998 Low-voltage fuses — Part 2-1: Supplementary requirements for fuses for use by authorised persons (fuses mainly for industrial application) — Sections I to V: Examples of types of standardised fuses for use by authorised persons	IEC 60269-2-1:1996 (Modified)	HD 630.2.1 S2:1997 Note 2.1	1.6.2003
Cenelec	HD 630.3.1 S1:1996 Low-voltage fuses — Part 3-1: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) — Sections I to IV	IEC 60269-3-1:1994 (Modified)	None	—
Cenelec	HD 630.3.1 S2:1997 Low-voltage fuses — Part 3-1: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) — Sections I to IV	IEC 60269-3-1:1994 +A1:1995 (Modified)	HD 630.3.1 S1:1996 Note 2.1	1.12.2002

⁽¹⁾ OEN: European Standardisation Body

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Note 1: Generally the date of cessation of presumption of conformity will be the date of withdrawal (dow), set by the European standards body, but attention of these standards is drawn to the fact that in certain exceptional cases this can be otherwise.

Note 2.1: The new (or amended) standard has the same scope as the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

Note 2.2: The new standard has a broader scope than the superseded standard. On the date stated the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

Note 2.3: The new standard has a narrower scope than the superseded standard. On the date stated the (partially) superseded standard ceases to give presumption of conformity with the essential requirements of the Directive for those products that fall within the scope of the new standard. Presumption of conformity with the essential requirements of the Directive for products that still fall within the scope of the (partially) superseded standard, but that do not fall within the scope of the new standard, is unaffected.

Note 3: In case of amendments, the referenced standard is EN CCCC:YY, its previous amendments, if any, *and* the new, quoted amendment. The superseded standard (column 4) therefore consists of EN CCCC:YY and its previous amendments, if any, but *without* the new quoted amendment. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

Example: For EN 60034-1:1995, the following applies:

Cenelec	EN 60034-1:1995			
	Ratating electrical machines Part 1: Rating and performance (The referended standard is EN 60034-1:1995)	IEC 60034-1:1994 (Modified)	None (There is no superseded standard)	—
	Amendment A1:1996 to EN 60034-1:1995 (The referended standard is EN 60034-1:1995 +A1:1996 to EN 60034-1:1995)	IEC 60034-1:1994 /A1:1996	Note 3 (The superseded standard is EN 60034-1:1995)	1.4.2002
	Amendment A2:1997 to EN 60034-1:1995 (The referended standard is EN 60034-1:1995 +A1:1996 to EN 60034-1:1995 +A2:1997 to EN 60034-1:1995)	IEC 60034-1:1994 /A2:1997	Note 3 (The superseded standard is EN 60034-1:1995 +A1:1996 to EN 60034-1:1995)	1.4.2003

Note 4: The EN 60061-1, -2, -3 and -4 series have a particular structure and therefore the date of cessation of presumption of conformity indicated only affects the types modified by the different amendments.

Note 5: EN 60335-1:1994/A1:1996 supersedes standards EN 60335-2-19:1989 and EN 60335-2-20:1989. These two standards have 1.4.2004 as the date of cessation of presumption of conformity. The same applies to EN 60335-1:1994/A12:1996.