

Low Voltage Directive (2014/35/EU)

Full title

Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of legislation on the market offering electrical equipment intended for use within certain voltage limits (recast)

Pictures



Previous edition

Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 concerning the joint adjustment of the legal provisions of the joint issue electrical equipment intended for use within certain voltage limits

Scope

(Article 1)

The aim of this directive is to ensure that electrical equipment on the market meets the requirements meets a high level of protection of the health and safety of people and of pets and goods, without disrupting the operation of the internet market.

This directive applies to electrical equipment intended for a nominal alternating voltage between 50 V and 1 000 V and a nominal DC voltage between 75 V and 1 500 V, with the exception of the material and symptoms included in Annex II.

Exceptions (Annex II)

Materials and features not covered by this directive are:

- electrical equipment intended for use in explosive atmospheres;
 - electro-radiological and electro-medical equipment;
 - electrical part of passenger and freight lifts;
 - electricity meters;
 - sockets and plugs for household use;
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- power supplies for electric fences;
- radio-electrical interference;
- specialized electrical equipment intended for use in ships, aircraft or railways must be used in accordance with the safety regulations that have been established by international institutions to which the Member States are affiliated;
- tailor-made evaluation packages intended for professionals and exclusively be used for research and development purposes in facilities that are engaged in research and development.

Examples

See the examples on page 116 from Annex II of the Guidelines on the application of the Low Voltage Directive 2006/95/EC14:

Comments

Additional legislation that may apply:


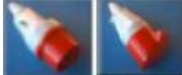




- Energy labeling of household appliances
- Minimum efficiency requirements
- Office supplies – 'the European star'/energy star




- Energy-using products (EVPs)
 - Waste electrical and electronic equipment (WEEE, RoHS)
 - Directive 2001/95/EC on general product safety
 - General information about importing
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Table 1 List with examples of products within or outside the scope of LVD

The list has been confirmed during the LVD-ADCO meeting on 15 March 2006

Products	Scope of LVD?	Example / pictures	Comments
Plugs 230V for domestic use	No		-
Socket outlets 230V for domestic use	No		-
Luminaire plugs and socket outlets for domestic use	No		-
Appliance couplers, plugs, outlets	Yes		E.g. Standard EN 60320
Appliance couplers for industrial purposes	Yes		E.g. Standard EN 60309
Appliance couplers e.g. vehicle heater i.e. manufacturer fabricated standard	Yes		It shall not be interconnectable with other plugs or socket outlets
Cord sets and interconnection cord sets . Plug + cable + cord set	Yes		-
Cord extension sets. Plug+cable+socket outlet with or without passive components e.g. varistors	Yes		-
Cables	Yes		Marked with HAR to increase the tractability
Plug with multiple way socket outputs. Travel adaptors with and without built-in fuse	No		-
Plug with one or more socket outlets with incorporated electronic dimmer or twilight dimmer	Yes		-
Components	-	-	For more information read paragraph 9 in LVD guidelines
Products with integrated plug and/or outlets. 230V for domestic use (e.g. charger for mobile phone, night light)	Yes		-
Switches for households and similar fixed electrical installations	Yes		-

Installation enclosures and conduits	Yes	-	-
Insulating tape	No	-	-
Tools for working with live parts	No		E.g. Standard EN 60900