

## National Electrical Safety Board's regulations in English – 2015:1

**THIS IS NOT LEGAL/JUDICIAL TEXT.** This document contains a rough translation of National Electrical Safety Board's regulations. Its contents is not legal text and it should only be used for readers who wish to get a general understanding of the contents in the Swedish regulations concerning electrical safety and electromagnetic compatibility. The texts are not necessarily comprehensive, complete, accurate or up-to-date. For legal text - please use the link below.

### **Section of legislation:** Products

**Number:** ELSÄK-FS 2015:1

**Amendments per 2017-01-01:** No amendments

**Title:** The National Electrical Safety Board's regulations on plugs and socket outlets for household and similar purposes

**Legal title:** Elsäkerhetsverkets föreskrifter (2015:1) om stickproppar och uttag för allmänbruk

**Link to regulations:** <http://www.elsakerhetsverket.se/om-oss/lag-och-ratt/gallande-regler/Elsakerhetsverkets-foreskrifter-listade-i-nummerordning/elsak-fs-20151/>

## Chapter 1 General provisions

### Scope

**1 §** These regulations contain rules detailing the safety requirements for plugs and socket outlets for household and similar purposes.

General provisions concerning electrical equipment are contained in the National Electrical Safety Board's regulations (2000:1) on certain electrical equipment and general implementation advice.

The regulations only apply to plugs and socket outlets for household and similar purposes designed for a voltage rating of between 50 and 1000 V for alternating current and between 75 and 1500 V for direct current.

The regulations do not apply to plugs and socket outlets within the scope of Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits or directives superseding it.

### Definitions and abbreviations

**2 §** In these regulations terms are defined as follows:

<i>adapter</i>	a connecting device allowing electrical equipment designed in conformity with requirements in one country to be plugged into a socket outlet designed in conformity with the requirements in a different country,
<i>EEA</i>	European Economic Area,
<i>EU</i>	European Union,
<i>device for the connection of luminaires</i>	a connector intended to connect a permanent indoor light fitting with a voltage rating of 250 V and a current rating of 6 A,
<i>plug</i>	a connector attached to electrical equipment enabling the user to connect electrical equipment to the mains, and

*socket outlet* a connector in an electrical installation enabling the user to connect electrical equipment to the mains.

## **Chapter 2 Requirements of plugs and socket outlets**

### **General safety requirements**

**1 §** The general safety requirements are set out in 4–7 §§ of the Swedish Ordinance (1993:1068) on electrical equipment.

3 § of the Swedish Ordinance (1993:1068) on electrical equipment specifies the person responsible for ensuring that the equipment meets the safety requirements.

### **Special safety requirements**

**2 §** Plugs and socket outlets shall be executed in accordance with and shall meet the requirements in one of the standards listed in Annex 1, and shall be certified to the requirements.

**3 §** The requirement in 2 § for certification to the requirements in Annex 1 shall not apply to plugs which meet the requirements allowing them to be manufactured or marketed in another EU or EES member state, provided that the plugs are certified to requirements equivalent to execution in accordance with the standards listed in Annex 1.

### **Exception for devices for the connection of luminaires**

**4 §** Plugs and socket outlets which are devices for the connection of luminaires are not covered by the requirement in 2 §.

Plugs and socket outlets which are devices for the connection of luminaires are covered by all other requirements in these regulations and shall be certified.

### **Exception for certain adapters**

**5 §** Plugs and socket outlets in adapters intended solely for the temporary connection of electrical equipment are not covered by the requirement in 2 §.

The exception in the first paragraph only applies to plugs and socket outlets which are demonstrably executed in accordance with and meet the

requirements in the national provisions of another country concerning plugs and socket outlets.

If the adapter is intended for use in Swedish socket outlets or for Swedish plugs, the adapter shall in those parts be executed in accordance with and meet the requirements in one of the standards listed in Annex 1.

Plugs and socket outlets in adapters are covered by all other requirements in these regulations.

### **Certification**

**6 §** Certification shall be carried out by a certification body which is accredited in accordance with Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and the Swedish Act (2011:791) on accreditation and technical control.

Certification may also be carried out by a certification body meeting equivalent requirements.

### **Accompanying information**

**7 §** General provisions concerning the information to accompany plugs and socket outlets are contained in 3 § of the National Electrical Safety Board's regulations (2000:1) on certain electrical equipment and general implementation advice.

### **Unilateral recognition clause**

**8 §** The provisions in 2 and 5 §§ do not apply to plugs and socket outlets which are either lawfully manufactured or lawfully marketed in another EU Member State or Turkey, or lawfully manufactured in an EFTA state which has signed the EEA Treaty.

The provisions in 2 and 5 § shall nevertheless apply if the National Electrical Safety Board can show that the product in question does not achieve a standard of safety that is equivalent to that guaranteed by these regulations.

## **Chapter 3 Other provisions**

### **Supervision**

**1 §** The National Electrical Safety Board shall perform supervision in accordance with the Swedish Electricity Act (1997:857) and the Swedish Ordinance (1993:1068) on electrical equipment, or regulations superseding them.

### **Financial compensation for supervision and other payment obligations**

**2 §** Provisions concerning financial compensation for supervision and other payment obligations are contained in 13-14 §§ of the National Electrical Safety Board's regulations (2000:1) on certain electrical equipment and general implementation advice, or regulations superseding it.

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## **Entry into force and transitional arrangements**

These regulations enter into force on 1 November 2015.

1. Plugs and socket outlets placed on the market before 1 November 2015 may be made available even after these regulations enter into force if they meet the requirements in the provisions in force at the time.

## Annex 1

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<b>Swedish standard</b>	<b>English title</b>
<b>SS 428 08 34, Ed. 3, 2013</b>	Plugs and socket outlets for household and similar purposes - Particular requirements for plugs and socket outlets used in Sweden
<b>SS 428 08 34, Ed. 2, 2004</b>	Plugs and socket outlets for household and similar purposes - Particular requirements for plugs and socket outlets used in Sweden
<b>(only applies to plugs and socket outlets placed on the market before 18 December 2015)</b>	
<b>SS-EN 50 075, Ed. 1, 1991</b>	Flat non-wirable two-pole plugs, 2.5 A 250 V, with cord, for the connection of class II-equipment
<b>SS-EN 50075, supplement T1, 2000</b>	
<b>SS 428 08 68, Ed. 1, 1999</b>	Two-pole socket outlets, 2.5 A 250 V, for the connection of class II-equipment
<b>(only applies to plugs and socket outlets placed on the market before 18 December 2015)</b>	
<b>SS 428 08 68, supplement T1, 2000</b>	
<b>(only applies to plugs and socket outlets placed on the market before 18 December 2015)</b>	

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