Flat non-rewirable two-pole plugs, 2,5 A 250 V, with cord, for the connection of class II-equipment for household and similar purposes

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50075:2002 sisaldab Euroopa standardi EN 50075:1990 ingliskeelset teksti. Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 50075:2002 consists of the English text of the European standard EN 50075:1990. This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This standard applies to flat non-rewirable two-pole plugs without earthing contact with a rated voltage of 250V a.c. and a rated current of 2,5A. They are supplied with a cord, for the connection of equipment of Class II, for household and similar purposes, and having no special protection against ingress of water are intended for indoor use.	**Scope:** This standard applies to flat non-rewirable two-pole plugs without earthing contact with a rated voltage of 250V a.c. and a rated current of 2,5A. They are supplied with a cord, for the connection of equipment of Class II, for household and similar purposes, and having no special protection against ingress of water are intended for indoor use.

ICS 29.120.30

Võtmesõnad: depth, electrical engineeri, electrical safety, flat plugs, household appliances, household equipment, household use, incription, non-rewirable, plug-and-socket connection, plugs, properties, safety, shallow, specification (approval), specifications, testing, two-pole

EUROPEAN STANDARD

NORME EUROPEENNE

EUROPÄISCHE NORM

EN 50075

July 1990

UDC 621.316.541:64.06-83

Descriptors: Electrical accessory, household appliance, plug, specification, characteristic, construction, test

ENGLISH VERSION

FLAT NON-WIRABLE TWO-POLE PLUGS, 2,5 A 250 V, WITH CORD, FOR THE CONNECTION OF CLASS II-EQUIPMENT FOR HOUSEHOLD AND SIMILAR PURPOSES

Fiche de prise de courant 2,5 A 250 V plate bipolaire non démontable, avec câble, pour la connexion des appareils de la classe II pour usages domestiques et analogues

Flache, nichtwiederanschließbare, zweipolige Stecker, 2,5 A 250 V, mit Leitung, für die Verbindung von Klasse II-Geräten für Haushalt und ähnliche Zwecke

This European Standard was approved by CENELEC on 1989-09-11. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date list and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue Bréderode 2, B-1000 Brussels

INTRODUCTION

This document has been prepared by CENELEC TC23X "Europlugs and socket-outlets", when at its meeting on 18th and 19th November 1986 decided to prepare an EN for the flat, non-rewirable plug 2,5A 250V for the connection of Class II equipment, to Standard Sheet XVI (Alternative II) of CEE Publication 7 (second edition, 1963, and Modifications 1, 2, 3 and 4) or Standard C 5 (Alternative II) of IEC 83.

This plug, also known as the "Europlug", has already been standardized in most European countries (except United Kingdom); the relevant national standards are either endorsements of CEE Publication 7 or based on this specification.

The Europlug has existed now for more than 25 years and is made by a large number of manufacturers. Many of these Europlugs have been tested for compliance with the requirements of CEE Publication 7 or the corresponding national standard by the testing laboratories of various European countries and have been approved.

As this EN shall be applicable to the existing, approved Europlugs (and also to new designs), this document is based mainly on the requirements of CEE Publication 7, but small alterations included in IEC Publications 884-1 have also been taken into account. If this EN had been based completely on IEC 884-1, there would be a risk that the existing plugs would not meet the requirements of this standard.

In this document, requirements are indicated by a vertical line in the margin, test specifications are not marked and explanatory matter (notes) has been typed indented.

The text of prEN 50075 (1st edition - 1989) was approved by all CENELEC members **with the exception of** Norway and Sweden on 11 September 1989 as a European Standard.

The following dates are applicable:

- latest date of announcement of the EN at national level (doa) : 1990-05-01

- date of latest publication of a new harmonized standard (dop) : 1991-03-01

- date of withdrawal of conflicting national standards (dow) : 1993-03-01

For products which have complied with the relevant national standard before 1993-03-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-03-01.

C o n t e n t s

1 SCOPE

This standard applies to flat non-rewirable two-pole plugs without earthing contact with a rated voltage of 250V a.c. and a rated current of 2,5A. They are supplied with a cord, for the connection of equipment of Class II, for household and similar purposes, and having no special protection against ingress of water are intended for indoor use.

Plugs complying with this standard are suitable for use at ambient temperatures not normally exceeding 25°C, but occasionally reaching 35°C.

Plug portions of adaptors or equipment, such as razors or lamps with rechargeable batteries, plug-in transformers, etc., shall comply with the requirements of this standard as far as they reasonably apply.

2 DEFINITIONS

Where in this standard the term "plug" is used, plugs according to this standard are meant, unless otherwise specified.

Where in this standard the terms voltage and current are used, they imply r.m.s. values, unless otherwise specified.

The following definitions apply for the purpose of this standard:

2.1 A plug is a device having pins designed to engage with the contacts of a socket-outlet and also incorporating means for the electrical connection and mechanical retention of a cord.

2.2 A non-rewirable plug is a plug so constructed that it forms a complete unit with the cord after connection and assembly by the manufacturer (see also 9.1).

The manufacturer referred to in this definition is either the manufacturer of:
- the plug or the cord set,
- the cord,
- the appliance or equipment.

2.3 A moulded-on plug is a non-rewirable plug the manufacture of which is completed by insulating material moulded around the pre-assembled component parts and the terminations.

3 GENERAL REQUIREMENTS

Plugs shall be so designed and constructed that in normal use, the performance is reliable and without danger to the user or surroundings.

In general, compliance is checked by carrying out all the relevant tests specified.