



SIS - Standardiseringskommissionen i Sverige

Handläggande organ

SEK, SVENSKA ELEKTRISKA KOMMISSIONEN

SVENSKA ELEKTROTEKNISKA NORMER, SEN
SVENSK STANDARD SS-EN 50 075

Fastställt	Utgåva	Sida	Ingår i
1991-09-11	1	1 (25)	SEK Översikt 23

Registrering
Reg 428 08 70

SIS FASTSTÄLLER OCH UTGER SVENSK STANDARD SAMT SÄLJER NATIONELLA OCH INTERNATIONELLA STANDARDPUBLIKATIONER ©

**Flat icke demonterbar tvåpolig stickpropp
2,5 A 250 V med sladd för anslutning av
bruksföremål av klass II**

*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*

Denna svenska standard innehåller den engelskspråkiga versionen av nedan angiven Europastandard, utarbetad inom CENELEC.

EN 50 075, Issue 1, 1990

**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**

UDK 621.316.541:54.06-83

Standarder kan beställas hos SIS som även lämnar allmänna upplysningar om svensk och utländsk standard.
Postadress: SIS, Box 3295, 103 66 Stockholm
Telefon: 08 - 613 52 00. Telefax: 08 - 11 70 35

Upplysningar om **sakinnehållet** i standarden lämnas av SEK.
Telefon: 08 - 750 78 20. Telefax: 08 - 751 84 70

Prisgrupp Q

Tryckt i november 1991

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

	Page
Introduction	2
1 Scope	4
2 Definitions	4
3 General requirements	4
4 General notes on tests	5
5 Rating	5
6 Marking	5
7 Dimensions	6
8 Protection against electric shock	6
9 Construction	7
10 Resistance to humidity	8
11 Insulation resistance and electric strength	9
12 Flexible cords and their connection	9
13 Mechanical strength	11
14 Resistance to heat and to ageing	13
15 Current-carrying parts and connections	14
16 Creepage distances, clearances and distances through insulation	15
17 Resistance of insulating material to abnormal heat and to fire	15
Drawings	17
Annex A	24

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.
