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**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 998-2-2:1991)**

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

Verbindungsmaterial für Niederspannungs-Stromkreise für Haushalt und ähnliche Zwecke -- Teil 2-2: Besondere Anforderungen für Verbindungsmaterial als selbständige Betriebsmittel mit schraubenlosen Klemmstellen

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Dispositifs de connexion pour circuits basse tension pour usage domestique et analogue -- Partie 2-2: Règles particulières pour dispositifs de connexion en tant que parties séparées avec organes de serrage sans vis

**Ta slovenski standard je istoveten z: EN 60998-2-2:1993**

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EUROPEAN STANDARD

EN 60998-2-2

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EUROPÄISCHE NORM

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Descriptors: Low voltage equipment, home electrical installations, connecting equipment, screwless type clamping units, characteristics, tests

## ENGLISH VERSION

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 998-2-2:1991)

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This European Standard was approved by CENELEC on 1993-09-22. 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 lists 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 de Stassart 35, B-1050 Brussels

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EN 60998-2-2:1993

### FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 998-2-2:1991 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60998-2-2 on 22 September 1993.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1994-09-01
- latest date of withdrawal of conflicting national standards (dow) 1997-09-01

For products which have complied with the relevant national standard before 1997-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2002-09-01.

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### ENDORSEMENT NOTICE

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The text of the International Standard IEC 998-2-2:1991 was approved by CENELEC as a European Standard without any modification.

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Première édition  
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**Dispositifs de connexion pour circuits basse  
tension pour usage domestique et analogue**

**Partie 2-2:**

**Règles particulières pour dispositifs  
de connexion en tant que parties séparées  
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**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**



Numéro de référence  
Reference number  
CEI/IEC 998-2-2: 1991

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONNECTING DEVICES FOR LOW VOLTAGE CIRCUITS  
FOR HOUSEHOLD AND SIMILAR PURPOSESPart 2-2: Particular requirements for connecting  
devices as separate entities  
with screwless-type clamping units

## FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

This standard has been prepared by Sub-Committee 23F: Connecting devices, of IEC Technical Committee No. 23: Electrical accessories.

It forms the first edition of IEC 998-2-2 and supersedes Publication 685-2-1 (1980).

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The text of this standard is based on the following documents:

Six Months' Rule	Report on Voting
23F(CO)39	23F(CO)46

Full information on the voting for the approval of this standard can be found in the Voting Report indicated in the above table.

In this standard, the following print types are used:

- requirements proper: in roman type;
- test specifications: *in italic type*;
- explanatory matter: in smaller roman type.

## 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.

#### 1 Scope

This clause of Part 1 is applicable.

*Addition:*

This standard applies to connecting devices with screwless-type clamping units primarily suitable for connecting unprepared conductors.

In this standard, screwless-type terminals are referred to as terminals.

NOTE - This standard does not include insulation piercing connecting devices, twist-on connecting devices and flat, quick-connect terminations.

#### 2 Normative references

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This clause of Part 1 is applicable.

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#### 3 Definitions

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This clause of Part 1 is applicable except as follows:

*Addition:*

##### 3.101 *Screwless-type terminal*

A terminal for the connection and subsequent disconnection of two or more conductors, the connection being made directly or indirectly by means of springs, wedges, or the like.

NOTE - Examples of screwless-type terminals are given on figure 102.

##### 3.101.1 *Universal terminal*

A terminal for the connection and disconnection of all types of conductors (rigid and flexible).

##### 3.101.2 *Non-universal terminal*

A terminal for the connection and disconnection of a certain kind of conductor only (e.g. solid conductors only or rigid [solid and stranded] conductors only).



### 3.101.3 *Push-wire terminal*

A non-universal terminal in which the connection is made by pushing in rigid (solid or stranded) conductors.

### 3.102 *Unprepared conductor*

A conductor which has been cut and the insulation of which has been removed over a certain length for insertion into a terminal.

NOTE - A conductor the shape of which is arranged for introduction into a terminal or of which the strands may be twisted to consolidate the end, is considered to be an unprepared conductor.

## 4 General

This clause of Part 1 is applicable.

## 5 General notes on tests

This clause of Part 1 is applicable except as follows:

### 5.3 and 5.4 *Replacement:*

The necessary number of new samples to be submitted to the tests are divided into sets as detailed in Annex AA.

The tests are carried out in the sequence listed for each set.

## 6 Main characteristics

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This clause of Part 1 is applicable.

## 7 Classification

This clause of Part 1 is applicable except as follows:

### *Addition:*

### 7.101 *Classification according to the types of conductors which the terminal can accept*

Universal terminal

Non-universal terminal

- terminals declared for solid conductors shall be marked by the letter "s" or "sol";
- terminals declared for rigid conductors shall be marked by the letter "r";
- terminals declared for flexible conductors shall be marked by the letter "f".