

Australian/New Zealand Standard™

**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**



AS/NZS IEC 60998.2.2:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-004, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 8 June 2012 and on behalf of the Council of Standards New Zealand on 8 June 2012.

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Consumers Federation of Australia
Electrical Compliance Testing Association
Electrical Regulatory Authorities Council
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This Standard was issued in draft form for comment as DR AS/NZS IEC 60998.2.2.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories to supersede AS/NZS 60998.2.2:1998 *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*.

The objective of this Standard is to provide Australian and New Zealand electrical industries with general requirements for connecting devices with screwless-type clamping units primarily suitable for connecting unprepared conductors.

The essential safety requirements in AS/NZS 3820, *Essential safety requirements for electrical equipment* that could be applicable to connecting devices for low voltage circuits for households are covered by this Standard.

This Standard is identical with, and has been reproduced from IEC 60998-2-2, Ed.2.0 (2002), *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*. See the Foreword for guidance on how to use this Standard. Note that IEC 60998-1 has been adopted as AS/NZS IEC 60998.1.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) A full point substitutes for a comma when referring to a decimal marker.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a standard, whereas an ‘informative’ annex is only for information and guidance.

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FOREWORD

This Part 2-2 is intended to be used in conjunction with IEC 60998-1. It was established on the basis of the second edition (2002) of that standard.

It supplements or modifies the corresponding clauses in IEC 60998-1, so as to convert that publication into the IEC standard: *Particular requirements for connecting devices as separate entities with screwless-type clamping units.*

Where a particular subclause of Part 1 is not mentioned in this Part 2-2, that subclause applies as far as is reasonable. Where this standard states “addition”, “modification” or “replacement”, the relevant requirements, test specification or explanatory matter in Part 1 should be adapted accordingly.

In this standard:

- a) the following print types are used:
 - requirements proper: in roman type;
 - test specifications: *in italic type*;
 - explanatory matter: in smaller roman type.

- b) Subclauses and figures which are additional to those in Part 1 are numbered starting from 101; additional annexes are lettered AA, BB, etc.

AUSTRALIAN/NEW ZEALAND STANDARD

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 (IEC 60998-2-3), twist-on connecting devices (IEC 60998-2-4) and flat, quick-connect terminations (IEC 60998-2-5).

2 Normative references

This clause of Part 1 is applicable.

3 Definitions

This clause of Part 1 is applicable except as follows:

*Addition:***3.101****screwless-type terminal**

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 in Figure 102.

3.101.1**universal terminal**

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

3.101.2**non-universal terminal**

terminal for the connection and disconnection of a certain kind of conductor only (for example, solid conductors only or rigid [solid and stranded] conductors only)