

AS/NZS 60998.2.3:1998
IEC 60998-2-3:1991
(Incorporating Amendment No. 1)

AS/NZS 60998.2.3

Australian/New Zealand Standard™

**Connecting devices for low voltage
circuits for household and similar
purposes**

**Part 2.3: Particular requirements for
connecting devices as separate entities
with insulation piercing clamping units**



Standards Australia



STANDARDS
NEW ZEALAND
Pūrongo Aotearoa

AS/NZS 60998.2.3:1998

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 11 August 1997 and on behalf of the Council of Standards New Zealand on 28 November 1997. It was published on 5 January 1998.

The following interests are represented on Committee EL-004:

Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Electronics Suppliers Association
Electricity Supply Association of Australia
Ministry of Commerce New Zealand
National Electrical Contractors Association of Australia
New Zealand Manufacturers Federation
Plastics and Chemicals Industries Association Incorporated
Regulatory authorities (electrical)
Telarc New Zealand
Testing interests

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Australia web site at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

Australian/New Zealand Standard™

Connecting devices for low voltage circuits for household and similar purposes

Part 2.3: Particular requirements for connecting devices as separate entities with insulation piercing clamping units

First published as AS/NZS 60998.2.3:1998
Reissued Incorporating Amendment No. 1 (September 2001)

COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 1524 9

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories.

This Standard incorporates Amendment No. 1 (September 2001). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

The objective of this Standard is to provide the particular requirements for insulation piercing clamping units.

This Standard is technically equivalent to, and reproduced from, IEC 60998-2-3:1991, *Connecting devices for low voltage circuits for household and similar purposes, Part 2-3: Particular requirements for connecting devices as separate entities with insulation piercing clamping units.*

This Standard (Part 2.3) is to be read in conjunction with Part 1. Where a particular clause of Part 1 is not mentioned in this Part 2.3, that clause applies as far as is reasonable. Where this Part 2.3 states 'addition', 'modification' or 'replacement', the relevant change is made to the requirements in Part 1.

A number of variations have been made in this Standard to the requirements of IEC 60998-2-3:1991. These variations, which are necessary for Australian/New Zealand requirements, are listed in Annex ZZ and are indicated in the text by a marginal bar set adjacent to the varied text.

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

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text 'this standard' should read 'this Australian/New Zealand Standard'.
- (c) Full points have been substituted for commas when referring to decimal markers.

CONTENTS

	<i>Page</i>
Clause	
1 Scope.....	1
2 Normative references	1
3 Definitions	1
4 General	2
5 General notes on tests	2
6 Main characteristics	2
7 Classification.....	2
8 Marking	3
9 Protection against electric shock	3
10 Connection of conductors	3
11 Construction.....	5
12 Resistance to ageing, to humid conditions, to ingress of solid objects and to harmful ingress of water.....	6
13 Insulation resistance and electric strength.....	6
14 Mechanical strength	6
15 Temperature rise and electrical performances	8
16 Resistance to heat	11
17 Creepage distances, clearances and distances through sealing compound	11
18 Resistance of insulating material to abnormal heat and fire	11
19 Resistance of insulating material to tracking.....	11
Annex AA	12
Figures	13
Annex ZZ.....	16

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-