Australian/New Zealand Standard™

Tunnel type terminal neutral bars for low voltage switchboards—Requirements for termination of copper conductors up to 50 mm²





AS/NZS 5112:2015

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 7 September 2015 and on behalf of the Council of Standards New Zealand on 3 September 2015.

This Standard was published on 28 September 2015.

The following are represented on Committee EL-004:

Association of Accredited Certification Bodies
Australian Chamber of Commerce and Industry
Australian Industry Group
Consumer Electronics Suppliers Association
Consumers Federation of Australia
Electrical Compliance Testing Association
Electrical Regulatory Authorities Council
Engineers Australia
International Accreditation New Zealand
Ministry of Business, Innovation and Employment, New Zealand
New Zealand Manufacturers and Exporters Association
NSW Office of Fair Trading
Plastics Industry Pipe Association of Australia

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 Standards may also be withdrawn.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 Web Shop at www.saiglobal.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

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 or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR AS/NZS 5112:2014.

AS/NZS 5112:2015

Australian/New Zealand Standard™

Tunnel type terminal neutral bars for low voltage switchboards—Requirements for termination of copper conductors up to 50 mm²

First published as AS/NZS 5112:2015.

COPYRIGHT

© Standards Australia Limited/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, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, Private Bag 2439, Wellington 6140.

PREFACE

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

The objective of this Standard is to provide requirements and methods of test for tunnel type terminal neutral bars for low voltage switchboards for termination of copper conductors up to 50 mm².

The Standard is suitable for referencing in AS/NZS Standards associated with low voltage installations.

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

The term 'informative' has been used in this Standard to define the application of the appendices to which it applies. An 'informative' appendix is only for information and guidance.

CONTENTS

		Page
1	SCOPE	4
2	NORMATIVE REFERENCES	4
3	TERMS AND DEFINITIONS	4
4	COMPLIANCE WITH AS/NZS 3100	6
5	MARKING	6
6	REQUIREMENTS	7
7	TESTS	11
APPEN	DICES	
A	RATED CURRENT OF NEUTRAL BARS WHEN MOUNTED INSIDE	
	SWITCHBOARD ENCLOSURES	
В	EXAMPLES OF TUNNEL TERMINAL BARS	17
BIBLIC	OGR APHY	23



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

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation