

Australian Standard™

Domestic electricity meter enclosures



This Australian Standard was prepared by Committee BD/88, Meter Boxes. It was approved on behalf of the Council of Standards Australia on 30 July 1999 and published on 5 September 1999.

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Australian Electrical and Electronic Manufacturers Association

Electricity Supply Association of Australia

Housing Industry Association

Master Builders Australia

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PREFACE

This Standard was prepared by the Standards Australia Committee BD/88, Meter Boxes.

The objective of this Standard is to provide a meter enclosure that will be acceptable to all supply authorities and home builders, while allowing the existing state specific standard meter enclosure to co-exist.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 APPLICATION	4
1.3 REFERENCED DOCUMENTS	4
1.4 DEFINITIONS	4
1.5 COMPLIANCE WITH SPECIFICATIONS	5
1.6 INTERPRETATION OF SPECIFIED LIMITING VALUES	5
1.7 NEW DESIGNS AND INNOVATIONS	5
SECTION 2 DESIGN AND CONSTRUCTION	
2.1 GENERAL	6
2.2 CONSTRUCTION	6
2.3 MATERIALS	6
2.4 ENCLOSURE DIMENSIONS	6
2.5 EARTHING	7
2.6 CABLE ACCESS FACILITIES	7
2.7 VENTILATION AND DRAINAGE	7
2.8 PANEL MOUNTING FACILITIES	7
SECTION 3 MARKING	8
APPENDIX A METER ENCLOSURES AND PANELS	9

STANDARDS AUSTRALIA

Australian Standard

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S E C T I O N 1 S C O P E A N D G E N E R A L

1.1 SCOPE This Standard specifies constructional requirements, standard sizes and materials suitable for the construction of electricity meter enclosures for single customers using direct connected metering.

1.2 APPLICATION The requirements of this Standard apply to electricity meter enclosures installed to contain the facilities for distributor metering with or without provision for customer switchboard equipment.

1.3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- 1397 Steel sheet and strip—Hot-dipped zinc-coated or aluminium/zinc-coated
- 1939 Degrees of protection provided by enclosures for electrical equipment (IP Code)
- 2706 Numerical values—Rounding and interpretation of limiting values
- 3000 Electrical installations—Buildings, structures and premises (known as the SAA Wiring Rules)
- 3132 Approval and test specification—Enclosures of insulating material for switchgear and controlgear

AS/NZS

- 2312 Guide to the protection of iron and steel against exterior atmospheric corrosion
- 3100 Approval and test specification—General requirements for electrical equipment

ACA

- TS009 Installation requirements for Customer Cabling (Wiring Rules)

1.4 DEFINITIONS For the purpose of this Standard, the definitions in AS/NZS 3000 and those below apply.

1.4.1 Distributor—the supply authority, distribution company or regulatory authority having jurisdiction over the facilities to be provided by the customer for the metering of electricity supplied to that customer.

1.4.2 Meter panel—a panel providing the facilities for the installation of electricity meters which may also include customer switchboard equipment.

1.4.3 Shall—indicates that a statement is mandatory.

1.4.4 Should—indicates a recommendation.

1.4.5 Service life—the period of useful life under a specific condition.