AS 61229:2026

Australian STANDARD®

STANDARDS Australia

Live working — Rigid protective covers for AC / DC electrical purposes (IEC 61229:2002 (ED. 1.2) MOD)



AS 61229:2026

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The following are represented on Committee EL-068:

Australian Electric Vehicle Association
Australian Industry Group
Communications, Electrical and Plumbing Union - Electrical Division
Consumers' Federation of Australia
Electric Energy Society of Australia
Electrical Trade Union (Vic)
Energex
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How to read this Standard

This page explains the meaning of the language and structure of this Standard.

Refer to Standards Australia's Standardisation Guide 006 for more details about drafting rules.

Australian and Australian/New Zealand Standards are voluntary unless they are referenced in legislation or called up in contracts.

Requirements

To conform to a Standard, all requirements in the Standard need to be met.

A requirement is any statement in the Standard which uses the word "shall".

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The following words are commonly used in Standards, but statements using them do not have to be followed to conform to the Standard:

(a) "should" means that something is recommended.

(b) "may" means that something is permitted.

(c) "can" means that something is possible.

Structure of Standards

A Standard always has the following parts:

(i) The Preface states who developed the Standard, what the Standard is aiming to do, and how it relates to other documents.

(ii) The Scope states what the Standard is about, what it covers and what it does not cover.

(iii) The Normative references clause lists other documents that are referenced in the Standard as part of requirements.

(iv) The Terms and definitions clause defines important terms to help with understanding the Standard.

A Standard may also include other parts, such as the following:

(1) A normative appendix sets additional requirements that need to be conformed to.

(2) An informative appendix provides additional information or guidance. They usually do not contain requirements. If an informative appendix does contain requirements, the Standard will explain when those requirements apply.

(3) A Bibliography lists documents referenced in the Standard but not as part of requirements.

Many Standards include notes. Notes provide recommendations and/or guidance only. They never contain requirements.

Preface

This Standard was prepared by the Standards Australia Committee EL-068, Live Working to supersede AS 4202—1994, *Insulating covers for electrical purposes*.

The objective of this document is to provide specifications for rigid insulating covers for live working for AC and DC purposes.

This document is an adoption with national modifications, and has been reproduced from, IEC 61229:1993+AMD1:1998+AMD2:2002 CSV, *Rigid protective covers for live working on a.c. installations*. The modifications are set out in national variations boxes which give instructions where the IEC text is to be modified for use in Australia. Due to IEC copyright policy it is not possible to directly modify the IEC content.

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Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

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FOREWORD

1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

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This consolidated version of the official IEC Standard and its amendments has been prepared for user convenience.

IEC 61229 edition 1.2 contains the first edition (1993) [documents 78(CO)46, 46A, 78(CO)61/RVD and 78(CO)58, 78(CO)72/RVD], its corrigendum May 2000, its amendment 1 (1998) [documents 78/236/FDIS and 78/239/RVD] and its amendment 2 (2002) [documents 78/439/FDIS and 78/460/RVD].

A vertical line in the margin shows where the base publication has been modified by corrigendum and amendments 1 and 2.

International Standard IEC 61229 has been prepared by IEC technical committee 78: Tools for live working.

Annexes A to F form an integral part of this standard.

Annexes G to K are for information only.

The committee has decided that the contents of the base publication, its corrigendum and its amendments will remain unchanged until 2005. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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Section 1 Scope

NATIONAL VARIATION

Delete clause text and *replace* with the following:

This document is applicable to rigid insulating covers for live working (including those described in IEC 60743) on AC or DC electrical conductors, apparatus and electric vehicles.

International Standard IEC 61229 is applicable to rigid insulating covers for live working on a.c. installations, including those described in IEC 60743.

The barriers, having dielectric withstand which depends on the positioning clearance, are excluded from this standard.

1.1 Classes

Six classes of covers, differing in electrical characteristics, are provided and designated as class 0, 1, 2, 3, 4 and 5.

1.2 Categories

Five categories of covers, differing in special properties related to acid, oil, extreme low temperature, extreme high temperature, and humidity are provided. They are designated A, H, C, W and P, respectively.

1.3 Types

The type depends on the piece to be protected.

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