

AS 62271.301:2022



High-voltage switchgear and controlgear

Part 301: Dimensional standardization of terminals

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Australian Industry Group
Energy Networks Australia
Engineers Australia
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University of New South Wales

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Preface

This Standard was prepared by the Standards Australia Committee EL-007, Power Switchgear to supersede AS 62271.301—2005.

The objective of this document is to provide requirements for terminals for high-voltage indoor and outdoor switchgear assemblies and ancillary equipment such as are employed in connection with the generation, transmission, distribution and utilization of electric power.

The major change in this edition is the addition of terminal numbers 21 to 27 in [Table 2](#).

IEC/TR 62271-301 gives dimensions of terminals of cylindrical shape. The IEC sizes have been adopted in this document, including those variants added in the second edition of IEC/TR 62271-301 in 2009. For terminals of rectangular shape, the second edition includes more and different options to those in the previous 2004 edition of IEC/TR 62271-301. This document has retained the terminal palm configurations of the previous 2005 edition.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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