AS/NZS 3439.5:2001
IEC 60439-5:1996
IEC 60439-5:1996/Amd1:1998

Australian/New Zealand Standard™

Low-voltage switchgear and controlgear assemblies

Part 5: Particular requirements for assemblies intended to be installed outdoors in public places— Cable distribution cabinets (CDCs) for power distribution in networks

Standards Australia
STANDARDS NEW ZEALAND

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-006, Industrial Switchgear and Controlgear. It was approved on behalf of the Council of Standards Australia on 18 June 2001 and on behalf of the Council of Standards New Zealand on 25 July 2001. It was published on 28 September 2001.

The following interests are represented on Committee EL-006:

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Australian Chamber of Commerce and Industry
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This Standard was issued in draft form for comment as DR 01041.

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First published as AS/NZS 3439.5:2001.

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 4028 6

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-006, Industrial Switchgear and Controlgear.

The objective of this Standard is to provide supplementary requirements for cable distribution cabinets (CDCs) for outdoor installation in places which are exposed to the public but where only skilled persons have access for their use.

This Standard is Part 5 of the following series:

AS/(NZS) 3439		Low-voltage switchgear and controlgear assemblies
AS/NZS 3439.1	Part 1:	Type-tested and partially type-tested assemblies
AS 3439.2	Part 2:	Particular requirements for busbar trunking systems (busways)
AS 3439.3	Part 3:	Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access to their use—Distribution boards
AS/NZS 3439.4	Part 4:	Particular requirements for assemblies for construction sites (ACS)
AS/NZS 3439.5	Part 5:	Particular requirements for assemblies intended to be installed outdoors in public places—Cable distribution cabinets (CDCs) for power distribution in networks (this Standard**)**

This Standard is identical with and has been reproduced from IEC 60439-5:1996, *Low-voltage switchgear and controlgear assemblies—Part 5: Particular requirements for assemblies intended to be installed outdoors in public places—Cable distribution cabinets (CDCs) for power distribution in networks* and includes its Amendment 1:1998.

The clauses of this Standard supplement, modify or replace clauses in IEC 60439-1.

A reference to an International Standard identified in the Normative References Clause by strikethrough (~~example~~) is replaced by a reference to the Australian or Australian/New Zealand Standard(s) listed immediately thereafter and identified by shading (example). Where the struck-through referenced document and the referenced Australian or Australian/New Zealand Standard are identical, this is indicated in parenthesis after the title of the latter.

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) A full point should be substituted for a comma when referring to a decimal marker.

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

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Any IEC table, figure or passage of text that is struck-through is not part of this Standard. Any Australian/New Zealand table, figure or passage of text that is added (and identified by shading) is part of this Standard.

1 General

1.1 Scope and object

This standard gives supplementary requirements for cable distribution cabinets (CDCs), which are stationary, type-tested assemblies (TTA) for outdoor installation in places which are exposed to the public, but where only skilled persons have access for their use. They are for use in public three-phase systems.

NOTE 1—If a CDC is equipped with additional equipment (for example meters), in such a way that the main function is changed considerably, then other standards may also apply as agreed between user and manufacturer (see 7.6).

NOTE 2—Where local regulations and practices permit, a CDC according to this standard may be used in other than public networks.

1.2 Normative references

The following normative documents contain provisions, which through reference in this text, constitute provisions of this part of IEC 60439. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 60439 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid normative documents.

References to International Standards that are struck through in this Clause are replaced by references to equivalent Australian or Australian/New Zealand Standards that are listed immediately thereafter and identified by shading. Any Australian or Australian/New Zealand Standard that is identical to the International Standard it replaces is appropriately identified.

IEC 60068-2-11:1981, *Environmental testing—Part 2: Tests—Test Ka: Salt mist*

IEC 60068-2-30:1980, *Environmental testing—Part 2: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)*

IEC 60238:1991, *Edison screw lampholders*

~~IEC 60269-1:1986, *Low-voltage fuses – Part 1: General requirements*~~

AS/NZS 60269.1, *Low-voltage fuses*, Part 1: *General requirements* (identical to IEC 60269-1:1998)