

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Low-voltage electrical installations –
Part 7-709: Requirements for special installations or locations – Marinas and
similar locations**

**Installations électriques à basse tension –
Partie 7-709: Exigences pour les installations ou emplacements spéciaux –
Marinas et emplacements analogues**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LOW-VOLTAGE ELECTRICAL INSTALLATIONS –

Part 7-709: Requirements for special installations or locations – Marinas and similar locations

FOREWORD

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This consolidated version of IEC 60364-7-709 consists of the second edition (2007) [documents 64/1573/FDIS and 64/1588/RVD] and its amendment 1 (2012) [documents 64/1811/FDIS and 64/1817/RVD]. It bears the edition number 2.1.

The technical content is therefore identical to the base edition and its amendment and has been prepared for user convenience. A vertical line in the margin shows where the base publication has been modified by amendment 1. Additions and deletions are displayed in red, with deletions being struck through.

International Standard IEC 60364-7-709 has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock.

The major changes with regard to the previous edition concern:

- the removal of the requirements for the electrical installation in pleasure craft as these are now covered by IEC 60092-507;
- the requirements of this part have been aligned with those in other parts of IEC 60364.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The reader's attention is drawn to the fact that Annex C lists all of the "in-some-country" clauses on differing practices of a less permanent nature relating to the subject of this standard.

A list of all the parts in the IEC 60364 series, under the general title *Low-voltage electrical installations*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
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- replaced by a revised edition, or
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INTRODUCTION

The requirements of this part of IEC 60364 supplement, modify or replace certain of the general requirements contained in Parts 1 to 6 of IEC 60364.

The clause numbering appearing after 709 refers to the corresponding parts or clauses of IEC 60364, Parts 1 to 6. Numbering of clauses does not, therefore, necessarily follow sequentially. Numbering of figures and tables takes the number of this part followed by a sequential number.

The absence of reference to a part or a clause means that the general requirements contained in Parts 1 to 6 of IEC 60364 are applicable.

LOW-VOLTAGE ELECTRICAL INSTALLATIONS –

Part 7-709: Requirements for special installations or locations – Marinas and similar locations

709 Marinas and similar locations

709.1 Scope

The particular requirements specified in this part of IEC 60364 apply only to circuits intended to supply pleasure craft or houseboats in marinas and similar locations.

NOTE 1 In this part “marina” means “marina and similar locations”.

The particular requirements do not apply to the supply of house boats if they are directly supplied from the public network.

The particular requirements do not apply to the internal electrical installations of pleasure craft or house boats.

NOTE 2 For electrical installations of pleasure craft, see IEC 60092-507.

NOTE 3 The electrical installations of house boats should comply with the general requirements of IEC 60364, together with the relevant particular requirements of IEC 60364-7.

For the remainder of the electrical installation of marinas and similar locations the general requirements of IEC 60364 together with the relevant particular requirements of IEC 60364-7 apply.

709.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60038, *IEC standard voltages*

IEC 60309-1, *Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements*

IEC 60309-2, *Plugs, socket-outlets and couplers for industrial Purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tubes accessories*

IEC 60364-4-43, *Electrical installations of buildings – Part 4-43: Protection for safety – Protection against overcurrent*

IEC 61558-2-4, *Safety of power transformers, power supply units and similar – Part 2: Particular requirements for isolating transformers for general use*

IEC 62262, *Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)*

709.3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.