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60364-7-709

Second edition
Deuxième édition
2007-05

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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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
709 Marinas and similar locations.....	6
709.1 Scope	6
709.2 Normative references	6
709.3 Terms and definitions.....	6
709.31 Purposes, supplies and structure	7
709.312 Conductor arrangement and system earthing	7
709.313 Supplies	7
709.4 Protection for safety.....	7
709.41 Protection against electric shock.....	7
709.413 Protective measure: electrical separation	8
709.5 Selection and erection of electrical equipment	8
709.512 Operational conditions and external influences	8
709.521 Types of wiring systems	9
709.533 Devices for protection against overcurrent	10
709.536 Isolation and switching.....	10
709.55 Other equipment	10
Annex A (informative) Examples of methods of obtaining supply in marinas.....	12
Annex B (informative) Example of an instruction notice to be placed in marinas.....	15
Annex C (informative) List of notes concerning certain countries	16
Bibliography.....	17
Figure 709A.1 – Direct connection to a single phase mains supply	12
Figure 709A.2 – Direct connection to a single phase mains supply with an isolating transformer on the vessel	12
Figure 709A.3 – Direct connection to a three phase mains supply.....	13
Figure 709A.4 – Direct connection to a three phase mains supply with an isolating transformer on the vessel	13
Figure 709A.5 – Connection to a single phase supply through a shore-mounted isolating transformer	14

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

This second edition of IEC 60364-7-709 cancels and replaces the first edition, published in 1994. It constitutes a technical revision.

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.

The text of this standard is based on the following documents:

FDIS	Report on voting
64/1573/FDIS	64/1588/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

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 this publication will remain unchanged until the maintenance result 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,
- withdrawn,
- replaced by a revised edition, or
- amended.

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.