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60364-7-721

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2007-04

Low-voltage electrical installations –

Part 7-721:

**Requirements for special installations
or locations – Electrical installations
in caravans and motor caravans**

Installations électriques à basse tension –

Partie 7-721:

**Exigences pour les installations ou
emplacements spéciaux – Installations
électriques dans les caravanes
et caravanes à moteur**



Reference number
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LOW-VOLTAGE ELECTRICAL INSTALLATIONS –

**Part 7-721: Requirements for special installations or locations –
Electrical installations in caravans and motor caravans**

FOREWORD

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International Standard IEC 60364-7-721 has been prepared by IEC technical committee 64: Electrical installations and protection against electrical shock.

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

| FDIS | Report on voting |
|--------------|------------------|
| 64/1576/FDIS | 64/1596/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 D 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- withdrawn,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 in Parts 1 to 6 of IEC 60364.

The clause numbering of Part 7-721 follows the pattern and corresponding references of IEC 60364. The numbers following the particular number of Part 7-721 are those of the corresponding parts or clauses of IEC 60364.

The absence of reference to a part or a clause means that the corresponding general requirements of IEC 60364 are applicable.

LOW-VOLTAGE ELECTRICAL INSTALLATIONS –

Part 7-721: Requirements for special installations or locations – Electrical installations in caravans and motor caravans

721 Electrical installations in caravans and motor caravans

721.1 Scope

The particular requirements of this part of IEC 60364 apply to the electrical installation of caravans and motor caravans.

They apply to those electrical circuits and equipment intended for the use of the caravan for habitation purposes.

They do not apply to those electrical circuits and equipment for automotive purposes.

They do not apply to the electrical installations of mobile homes, residential park homes and transportable units.

NOTE 1 For mobile homes and residential park homes the general requirements apply.

NOTE 2 For transportable units see IEC 60364-7-717.

NOTE 3 For the purpose of this standard, caravans and motor caravans are referred to as “caravans”

The particular requirements of some parts from the IEC 60364-7 series may also apply to such installations in caravans, e.g. IEC 60364-7-701.

721.2 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 60245 (all parts), *Rubber insulated cables – Rated voltages up to and including 450/750 V*

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-tube accessories*

IEC 60332-1-2, *Tests on electric and optical fibre cables under fire conditions – Part 1-2: Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1 kW pre-mixed flame*

IEC 60335-1, *Household and similar electrical appliances – Safety – Part 1: General requirements*

IEC 60335-2-29, *Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers*

IEC 60529, *Degrees of protection provided by enclosures (IP Code)*

IEC 60614-2-2, *Specification for conduits for electrical installations – Part 2: Particular specification for conduits – Section Two: Rigid plain conduits of insulating materials*

IEC 60614-2-3, *Specification for conduits for electrical installations – Part 2: Particular specifications for conduits. Section Three: Pliable conduits of insulating material*

IEC 60947-2, *Low-voltage switchgear and controlgear – Part 2: Circuit-breakers*

IEC 61008-1, *Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules*

IEC 61009-1, *Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules*

IEC 61084 (all parts), *Cables trunking and ducting systems for electrical installations*

IEC 61386, *Conduit systems for cable management*

IEC 61558-2-6, *Safety of power transformers, power supply units and similar – Part 2: Particular requirements for safety isolating transformers for general use*

ISO 1724, *Road vehicles – Connectors for the electrical connection of towing and towed vehicles – 7-pole connector type 12 N (normal) for vehicles with 12 V nominal supply voltage*

ISO 3732, *Road vehicles – Connectors for the electrical connection of towing and towed vehicles – 7-pole connector type 12 S (supplementary) for vehicles with 12 V nominal supply voltage*

ISO 6309, *Fire protection – Safety signs*

ISO 8820, *Road vehicles – Fuse-links*

ISO 11446, *Road vehicles – Connectors for the electrical connection of towing and towed vehicles – 13-pole connectors for vehicles with 12 V nominal supply voltage*