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Low-voltage electrical installations -
Part 7-711: Requirements for special installations or locations - Temporary electrical installations for exhibitions and entertainment related purposes

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Low-voltage electrical installations - Part 7-711: Requirements for special installations or locations - Temporary electrical installations for exhibitions and entertainment related purposes

FOREWORD

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IEC 60364-7-711 has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock. It is an International Standard.

This third edition cancels and replaces the second edition published in 2018 and the first edition of IEC 60364-7-740 published in 2000. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) merging of IEC 60364-7-711 and IEC 60364-7-740;
b) removal of requirements for installations in locations intended for livestock as they are covered by IEC 60364-7-705.

The text of this International Standard is based on the following documents:

Draft	Report on voting
64/2786/FDIS	64/2803/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, and the ISO/IEC Directives available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

– reconfirmed,
– withdrawn, or
– revised.

INTRODUCTION

For the purposes of this part of IEC 60364 (IEC 60364-7-711) the requirements of the general parts IEC 60364-1 to IEC 60364-6 and IEC 60364-8 of IEC 60364 apply.

The IEC 60364-7-7XX parts of IEC 60364 contain particular requirements for special installations or locations which are based on the requirements of the general parts of IEC 60364 (IEC 60364-1 to IEC 60364-6 and IEC 60364-8). These IEC 60364-7-7XX parts are considered in conjunction with the requirements of the general parts.

The particular requirements of this document supplement, modify or replace certain of the requirements of the general parts of IEC 60364 being valid at the time of publication of this document. The absence of reference to the exclusion of a part or a clause of a general part means that the corresponding clauses of the general part are applicable (undated references).

Requirements of other IEC 60364-7-7XX parts being relevant for installations covered by this document also apply. This document can therefore also supplement, modify or replace certain of these requirements valid at the time of publication of this document.

The clause numbering of this document follows the pattern and corresponding references of IEC 60364. The numbers following the particular number of this document are those of the corresponding parts, or clauses of the other parts of the IEC 60364 series, valid at the time of publication of this document, as indicated in the normative references of this document (dated references).

If requirements or explanations additional to those of the other parts of the IEC 60364 series are necessary, the numbering of such items appears as 711.101, 711.102, 711.103, etc.

In the case where new or amended general parts with modified numbering were published after this document was issued, it is possible that the clause numbers referring to a general part in this document will no longer align with the latest edition of the general part. Dated references should be observed.

711 Temporary electrical installations for exhibitions and entertainment related purposes

711.1 Scope

This part of IEC 60364 applies to:

- electrical installations of temporary structures erected for exhibitions, shows, stands and fairgrounds for entertainment related purposes, and
- temporary electrical installations supplying such temporary structures and amusement devices for entertainment related purposes.

711.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 60227 (all parts), *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V*

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

IEC 60309-1:2021, *Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 1: General requirements*

IEC 60309-2:2021, *Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 2: Dimensional compatibility requirements for pin and contact-tube accessories*

IEC 60332-1 (all parts), *Tests on electric and optical fibre cables under fire conditions - Part 1: Test for vertical flame propagation for a single insulated wire or cable*

IEC 60364-1:2005, *Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions*

IEC 60364-4-41:2005, *Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock*
IEC 60364-4-41:2005/AMD1:2017

IEC 60364-5-51:2005, *Electrical installations of buildings - Part 5-51: Selection and erection of electrical equipment - Common rules*

IEC 60364-5-52:2009, *Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems*

IEC 60364-5-53:2019, *Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection for safety, isolation, switching, control and monitoring*
IEC 60364-5-53:2019/AMD1:2020
IEC 60364-5-53:2019/AMD2:2024

IEC 60364-5-55:2011, *Electrical installations of buildings - Part 5-55: Selection and erection of electrical equipment - Other equipment*
IEC 60364-5-55:2011/AMD1:2012
IEC 60364-5-55:2011/AMD2:2016

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IEC 60332-1-1:2004, *Tests on electric and optical fibre cables under fire conditions - Part 1-1: Test for vertical flame propagation for a single insulated wire or cable - Apparatus*
IEC 60332-1-1:2004/AMD1:2015

IEC 60332-3 (all parts) *Tests on electric and optical fibre cables under fire conditions - Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables*

IEC 61034 (all parts), *Measurement of smoke density of cables burning under defined conditions*

IEC 61034-2, *Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements*

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

IEC 61386 (all parts), *Conduit systems for cable management*

IEC 61534 (all parts), *Powertrack systems*

IEC 61537:2023, *Cable management - Cable tray systems and cable ladder systems*

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