



SLOVENSKI STANDARD

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Electrical installations of buildings - Part 7-711: Requirements for special installations or locations - Exhibitions, shows and stands

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Installations électriques des bâtiments - Partie 7-711: Règles pour les installations et emplacements spéciaux - Expositions, spectacles et stands

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Partie 7-711:
Règles pour les installations
et emplacements spéciaux –
Expositions, spectacles et stands**

**Electrical installations of buildings –
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Requirements for special installations
or locations –
Exhibitions, shows and stands**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL INSTALLATIONS OF BUILDINGS –

Part 7-711: Requirements for special installations or locations –
Exhibitions, shows and stands

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60364-7-711 has been prepared by IEC technical committee 64:
Electrical installations of buildings

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

FDIS	Report on voting
64/982/FDIS	64/999/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.

INTRODUCTION

The requirements of this part of IEC 60364 modify or replace certain of the general requirements of IEC 60364.

The clause numbering of part 7-711 follows the pattern and corresponding references of IEC 60364.

The numbers following the particular number of part 7-711 are those of the corresponding parts or clauses of IEC 60364.

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

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ELECTRICAL INSTALLATIONS OF BUILDINGS –

Part 7-711: Requirements for special installations or locations – Exhibitions, shows and stands

711 Exhibitions, shows and stands

711.1 Scope, object and fundamental principles

711.1.1 Scope

The particular requirements of this part of IEC 60364, in association with IEC 60364, parts 1 to 6, apply to the temporary electrical installations in exhibitions, shows and stands (including mobile and portable displays and equipment) to protect users.

Unless specifically stated, this part does not apply to exhibits for which requirements are given in the relevant standards.

711.1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60364. 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 60364 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 International Standards.

IEC 60038:1983, *IEC standard voltages*

IEC 60050(826):1982, *International Electrotechnical Vocabulary (IEV) – Chapter 826: Electrical installation of buildings*

IEC 60204-1:1992, *Electrical equipment of industrial machines – Part 1: General requirements*

IEC 60227-1:1993, *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 1: General requirements*

IEC 60245-1:1994, *Rubber insulated cables of rated voltages up to and including 450/750 V – Part 1: General requirements*

IEC 60332-1:1993, *Tests on electric cables under fire conditions – Part 1: Test on a single vertical insulated wire or cable*

IEC 60332-3:1992, *Tests on electric cables under fire conditions – Part 3: Tests on bunched wires or cables*

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IEC 60364-3:1993, *Electrical installations of buildings – Part 3: Assessment of general characteristics*

IEC 60364-4-41:1992, *Electrical installations of buildings – Part 4: Protection for safety – Chapter 41: Protection against electric shock*

IEC 60364-4-42:1980, *Electrical installations of buildings – Part 4: Protection for safety – Chapter 42: Protection against thermal effects*

IEC 60364-4-481:1993, *Electrical installations of buildings – Part 4: Protection for safety – Chapter 48: Choice of protective measures as a function of external influences – Section 481: Selection of measures for protection against electric shock in relation to external influences*

IEC 60364-5-537:1981, *Electrical installations of buildings – Part 5: Selection and erection of electrical equipment – Chapter 53: Switchgear and controlgear – Section 537: Devices for isolation and switching*

IEC 60364-5-54:1980, *Electrical installations of buildings – Part 5: Selection and erection of electrical equipment – Chapter 54: Earthing arrangements and protective conductors*

IEC 60364-6-61:1986, *Electrical installations of buildings – Part 6: Verification – Chapter 61: Initial verification*

IEC 60742:1983, *Isolating transformers and safety isolating transformers – Requirements*

IEC 60947-2:1995, *Low-voltage switchgear and controlgear – Part 2: Circuit-breakers*

IEC 61008-1:1990, *Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules*

IEC 61009-1:1991, *Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules*

IEC 61046:1993, *DC or a.c. supplied electronic step-down converters for filament lamps – General and safety requirements*

711.2 Definitions

For the purpose of this part of IEC 60364, the following definitions apply.

711.2.1 exhibition

event intended for the purpose of displaying and/or selling products etc., which can take place in any suitable location, either a room, building or temporary structure

711.2.2**show**

display or performance in any suitable location, either a room, building or temporary structure

711.2.3**stand**

area or temporary structure used for display, marketing, sales, entertainment etc.

711.2.4**temporary structure**

a unit or a part of a unit including mobile portable units, situated indoors or outdoors, designed and intended to be assembled and dismantled

711.2.5**temporary electrical installation**

electrical installation erected and dismantled at the same time as the stand or display with which it is associated

711.2.6**origin of the temporary electrical installation**

point on the permanent installation or other source of supply from which electrical energy is delivered

711.3 Assessment of general characteristics**711.31 Purposes, supplies and structure****711.313 Supplies**

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The nominal supply voltage of temporary electrical installations in exhibitions, shows and stands shall not exceed 230/400 V a.c. (see IEC 60038).

711.32 Classification of external influences

The external influence conditions are those of the particular locations where temporary electrical installations are erected, e.g. presence of water, mechanical stresses.

711.4 Protection for safety**711.41 Protection against electric shock****711.413 Protection against indirect contact****711.413.1 Protection by automatic disconnection of supply****711.413.1.3 TN system**

Where the type of system earthing is TN, the installation shall be TN-S.