

**Ehitiste Elektripaigaldised. Osa 7-740: Nõuded eripaigaldistele ja -paikadele Peoplatside, meelelahutusparkide ja tsirkuste tarindite, meelelahutus-seadmete ja kioskite ajutised elektripaigaldised**

Electrical installations of buildings Part 7-740:  
Requirements for special installations or locations  
Temporary electrical installations for structures,  
amusement devices and booths at fairgrounds,  
amusement parks and circuses

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-HD 60364-7-740:2007 sisaldab Euroopa standardi HD 60364-7-740:2006 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 22.09.2006 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 18.08.2006.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-HD 60364-7-740:2007 consists of the English text of the European standard HD 60364-7-740:2006.

This standard is ratified with the order of Estonian Centre for Standardisation dated 22.09.2006 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 18.08.2006.

The standard is available from Estonian standardisation organisation.

ICS 91.140.50

**Võtmesõnad:** ehitis, elektripaigaldis, meelelahutus, peoplats, tsirkus

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Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:  
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**Electrical installations of buildings**  
**Part 7-740: Requirements for special installations or locations –**  
**Temporary electrical installations for structures, amusement devices**  
**and booths at fairgrounds, amusement parks and circuses**  
(IEC 60364-7-740:2000, modified)

Installations électriques des bâtiments  
Partie 7-740: Règles pour les installations  
ou emplacements spéciaux –  
Installations électriques temporaires  
de structures, jeux et baraques  
dans des champs de foire, des parcs  
de loisirs et des cirques  
(CEI 60364-7-740:2000, modifiée)

Elektrische Anlagen von Gebäuden  
Teil 7-740: Anforderungen für  
Betriebsstätten, Räume und Anlagen  
besonderer Art –  
Vorübergehend errichtete elektrische  
Anlagen für Aufbauten,  
Vergnügungseinrichtungen und Buden  
auf Kirmesplätzen, Vergnügungsparks  
und für Zirkusse  
(IEC 60364-7-740:2000, modifiziert)

This Harmonization Document was approved by CENELEC on 2005-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of the International Standard IEC 60364-7-740:2000, prepared by IEC TC 64, Electrical installations and protection against electric shock, together with the common modifications prepared by SC 64B, Protection against thermal effects, of Technical Committee CENELEC TC 64, Electrical installations and protection against electric shock, was submitted to the formal vote and was approved by CENELEC as HD 60364-7-740 on 2005-10-01.

The following dates were fixed:

- latest date by which the existence of the HD (doa) 2006-04-01  
has to be announced at national level
- latest date by which the HD has to be implemented (dop) 2007-03-01  
at national level by publication of a harmonized  
national standard or by endorsement
- latest date by which the national standards conflicting (dow) 2008-10-01  
with the HD have to be withdrawn

Annexes ZA, ZB and ZC have been added by CENELEC.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those of IEC 60364-7-740 are prefixed "Z".

In this standard, the common modifications to the International Standard are indicated by a vertical line in the left margin of the text.

## Introduction

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

The clause numbering of Part 7-740 follows the pattern and corresponding references of IEC 60364.

The numbers following the particular number of Part 7-740 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 HD 60364 are applicable.

Numbering in parenthesis corresponds to the numbering of the “non restructured” IEC 60364 dated before 2002.

### 740.1 (740.11) Scope, object and fundamental principles

#### 740.1.1 (740.11) Scope

*Add:*

This part of HD 60364 specifies the minimum electrical installation requirements to facilitate the safe design, installation and operation of temporarily installed mobile or transportable electrical machines and structures which incorporate electrical equipment. The machines and structures are intended to be installed repeatedly, without loss of safety, temporarily, at fairgrounds, amusement parks, circuses or similar places.

NOTE Z1 The permanent electrical installation is excluded from the scope.

The object of this part of HD 60364 is to define the electrical installation requirements for such structures and machines, being either integral parts or constituting the total amusement device.

This part does not apply to the electrical equipment of machines (see EN 60204-1).

NOTE Z2 See also Annex ZA.

#### 740.1.2 (740.12) Normative references

*Add:*

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.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u>    | <u>Year</u> | <u>Title</u>                                                                                                                                                                                | <u>EN/HD</u>  | <u>Year</u> |
|-----------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
|                       |             | Cables of rated voltages up to and including 450/750 V and having cross-linked insulation<br>Part 8: Polychloroprene or equivalent synthetic elastomer sheathed cable for decorative chains | HD 22.8 S2    |             |
|                       |             | Cable trunking systems and cable ducting systems for electrical installations                                                                                                               | EN 50085      | Series      |
|                       |             | Conduit systems for cable management                                                                                                                                                        | EN 50086      | Series      |
|                       |             | Common test methods for cables under fire conditions – Test for resistance to vertical flame propagation for a single insulated conductor or cable                                          | EN 50265      | Series      |
| IEC 60050-826         |             | International Electrotechnical Vocabulary (IEV) - Chapter 826: Electrical installations of buildings                                                                                        | -             | -           |
| IEC 60309-1           |             | Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements                                                                                                   | EN 60309-1    |             |
| IEC 60309-2           |             | Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories                                       | EN 60309-2    |             |
| IEC 60364-3 (mod.)    |             | Electrical installations of buildings - Part 3: Assessment of general characteristics                                                                                                       | HD 384.3 S2   |             |
| IEC 60364-4-41 (mod.) |             | Low-voltage electrical installations – Part 4-41: Protection for safety - Protection against electric shock                                                                                 | HD 60364-4-41 |             |
| IEC 60364-5-54 (mod.) |             | Electrical installations of buildings -- Part 5-54: Selection and erection of electrical equipment - Earthing arrangements, protective conductors and protective bonding conductors         | HD 60364-5-54 |             |
| IEC 60947-2           |             | Low-voltage switchgear and controlgear - Part 2: Circuit-breakers                                                                                                                           | EN 60947-2    |             |
| IEC 61008-1 (mod.)    |             | Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules                                           | EN 61008-1    |             |
| IEC 61009-1 (mod.)    |             | Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules                                              | EN 61009-1    |             |
| IEC 61347-2-2         |             | Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps                                                           | EN 61347-2-2  |             |

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                                                                       | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| IEC 61386-21       |             | Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems                                                    | EN 61386-21  |             |
| IEC 61537          |             | Cable tray systems and cable ladder systems for cable management                                                                                   | EN 61537     |             |
| IEC 61558-2-4      |             | Safety of power transformers, power supply units and similar - Part 2-4: Particular requirements for isolating transformers for general use        | EN 61558-2-4 |             |
| IEC 61558-2-6      |             | Safety of power transformers, power supply units and similar - Part 2-6: Particular requirements for safety isolating transformers for general use | EN 61558-2-6 |             |

## **740.2 (740.B.1.0) Definitions**

For the purpose of this part of HD 60364, the definitions given in IEC 60050-826 as well as the following definitions apply:

### **740.2.1**

#### **fairground**

area where one or more stands, amusement devices or booths are erected for leisure use

### **740.2.2**

#### **booth**

non-stationary unit, intended to accommodate equipment generally for pleasure or demonstration purposes

### **740.2.3**

#### **stand**

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

### **740.2.4**

#### **amusement device**

ride, stand, textile or membrane building, side stall, side show, tent, booth or grandstand intended for the entertainment of the public

### **740.2.Z1**

#### **temporary electrical installation**

electrical installation erected and dismantled at the same time as the structure with which it is associated

## **740.3 Assessment of general characteristics**

### **740.31 Purposes, supplies and structure**

#### **740.313 Supplies**

##### **740.313.1.3 Voltage**

The nominal supply voltage of a temporary electrical installation in a booth, stand or amusement device shall not exceed 230 V / 400 V a.c or 440 V d.c.