

**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**

See Eesti standard EVS-HD 60364-7-740:2007+A11:2017 sisaldab Euroopa standardi HD 60364-7-740:2006 ja muudatuse A11:2017 ingliskeelset teksti.	This Estonian standard EVS-HD 60364-7-740:2007+A11:2017 consists of the English text of the European standard HD 60364-7-740:2006 and its amendment A11:2017.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.08.2006, muudatuse A11 11.08.2017.	Date of Availability of the European standard is 18.08.2006, for A11 18.08.2017
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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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

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- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 2008-10-01

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 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.