

SLOVENSKI STANDARD

SIST EN 62949:2017

01-december-2017

Nadomešča:
SIST EN 41003:2009

Posebne varnostne zahteve za opremo za priključitev na informacijska in komunikacijska omrežja (IEC 62949:2017)

Particular safety requirements for equipment to be connected to information and communication networks (IEC 62949:2017)

Besondere Sicherheitsanforderungen an Geräte zum Anschluss an Kommunikationsnetze mit paarweise angeordneten Leitern (IEC 62949:2017)

Exigences particulières de sécurité pour les équipements destinés à être connectés aux réseaux d'information et de communication (IEC 62949:2017)

Ta slovenski standard je istoveten z: **EN 62949:2017**

ICS:

33.050.01	Telekomunikacijska terminalska oprema na splošno	Telecommunication terminal equipment in general
35.020	Informacijska tehnika in tehnologija na splošno	Information technology (IT) in general

SIST EN 62949:2017 en

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EUROPEAN STANDARD

EN 62949

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2017

ICS 33.160; 35.020

Supersedes EN 41003:2008

English Version

Particular safety requirements for equipment to be connected to
information and communication networks
(IEC 62949:2017)

Exigences de sécurité spécifiques pour les équipements
destinés à être connectés aux réseaux d'information et de
communication
(IEC 62949:2017)

Besondere Sicherheitsanforderungen an Geräte zum
Anschluss an Kommunikationsnetze mit paarweise
angeordneten Leitern
(IEC 62949:2017)

This European Standard was approved by CENELEC on 2017-02-24. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62949:2017**European foreword**

The text of document 108/664/FDIS, future edition 1 of IEC 62949, prepared by IEC/TC 108 "Safety of electronic equipment within the field of audio/video, information technology and communication technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62949:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-12-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-06-20

This document supersedes EN 41003:2008.

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 62949:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60065:2014	NOTE	Harmonized as EN 60065:2014 (modified).
IEC 60364	NOTE	Harmonized in HD 384 / HD 60364 series.
IEC 60529	NOTE	Harmonized as EN 60529.
IEC 60664-1	NOTE	Harmonized as EN 60664-1.
IEC 60950-1:2005	NOTE	Harmonized as EN 60950-1:2006 (modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62368-1 (mod)	2014	Audio/video, information and communication technology equipment -	EN 62368-1	2014
-	-	Part 1: Safety requirements	+ AC	2015-05
-	-		+AC	2017-03
-	-		+ A11	2017

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Annex ZZ (informative)

Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

**Table ZZ.1 – Correspondence between this European Standard
and Annex I of Directive 2014/35/EU [2014 OJ L96]**

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
Annex I 1. General conditions	This standard is an interface standard, only. It addresses the electrical characteristic of the electric interface to an ICT network. See Clause 1.	
2. Protection against hazards arising from the electrical equipment	See 4.1 up to 4.5 and 4.7	
a) protected against the danger of physical injury or other harm which might be caused by direct or indirect contact;	See 4.2. – 4.5. See 4.7	
b) temperatures, arcs or radiation which would cause a danger, are not produced;	Not addressed in this standard	
c) protected against non-electrical dangers caused by the electrical equipment which are revealed by experience;	Not addressed in this standard	
d) the insulation is suitable for foreseeable conditions.	See 4.2. – 4.5.3	

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
3. Protection against hazards which may be caused by external influences on the electrical equipment	See 4.5.4; 4.6 and 4.7	
a) meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered;	Not addressed in this standard	
b) is resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered	See 4.5.4 See 4.6	
c) does not endanger persons, domestic animals and property in foreseeable conditions of overload	See 4.7	

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WARNING 1: Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2: Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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IEC 62949

Edition 1.0 2017-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Particular safety requirements for equipment to be connected to information and communication networks

Exigences de sécurité spécifiques pour les équipements destinés à être connectés aux réseaux d'information et de communication

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PARTICULAR SAFETY REQUIREMENTS FOR EQUIPMENT TO BE CONNECTED TO INFORMATION AND COMMUNICATION NETWORKS

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. 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 62949 has been prepared by IEC technical committee 108: Safety of electronic equipment within the field of audio/video, information technology and communication technology.

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

FDIS	Report on voting
108/664/FDIS	108/676/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

In this standard, the following print types are used:

- requirements proper and normative annexes: in roman type;