

**SLOVENSKI STANDARD  
SIST EN 60255-22-3:2002**

**01-julij-2002**

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**Electrical relays - Part 22-3: Electrical disturbance tests for measuring relays and protection equipment - Radiated electromagnetic field disturbance tests**

Electrical relays -- Part 22-3: Electrical disturbance tests for measuring relays and protection equipment - Radiated electromagnetic field disturbance tests

Elektrische Relais -- Teil 22-3: Prüfung der elektrischen Störfestigkeit von Meßrelais und Schutzeinrichtungen - Prüfung der Störfestigkeit gegen elektromagnetische Felder

Relais électriques -- Partie 22-3: Essais d'influence électrique concernant les relais de mesure et dispositifs de protection - Essais de perturbations aux champs électromagnétiques rayonnés

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**Ta slovenski standard je istoveten z: EN 60255-22-3:2000**

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**ICS:**

29.120.70      Releji                                      Relays

**SIST EN 60255-22-3:2002                                      en**

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EUROPEAN STANDARD

**EN 60255-22-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2000

ICS 29.120.70

English version

**Electrical relays**  
**Part 22-3: Electrical disturbance tests for**  
**measuring relays and protection equipment -**  
**Radiated electromagnetic field disturbance tests**  
(IEC 60255-22-3:2000)

Relais électriques

Partie 22-3: Essais d'influence électrique  
concernant les relais de mesure et  
dispositifs de protection -Essais de perturbations aux champs  
électromagnétiques rayonnés  
(CEI 60255-22-3:2000)

Elektrische Relais

Teil 22-3: Prüfung der elektrischen  
Störfestigkeit von Meßrelais und  
Schutzeinrichtungen -Prüfung der Störfestigkeit gegen  
elektromagnetische Felder  
(IEC 60255-22-3:2000)[SIST EN 60255-22-3:2002](https://standards.iteh.ai/catalog/standards/sist/8c35e63f-23ec-4ca2-ae1c-05c5966eb382/sist-en-60255-22-3-2002)<https://standards.iteh.ai/catalog/standards/sist/8c35e63f-23ec-4ca2-ae1c-05c5966eb382/sist-en-60255-22-3-2002>

This European Standard was approved by CENELEC on 2000-09-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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 document 95/92/FDIS, future edition 2 of IEC 60255-22-3, prepared by IEC TC 95, Measuring relays and protection equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60255-22-3 on 2000-09-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2001-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-09-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60255-22-3:2000 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61000-4-6 NOTE: Harmonized as EN 61000-4-6:1996 (not modified).

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When 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>
IEC 60050-161	1990	International Electrotechnical Vocabulary (IEV) - Chapter 161: Electromagnetic compatibility	-	-
IEC 60050-446	1983	Chapter 446: Electrical relays	-	-
IEC 60050-448	1995	Chapter 448: Power system protection	-	-
IEC 60255-6 (mod)	1988	Electrical relays Part 6: Measuring relays and protection equipment	EN 60255-6	1994
IEC 61000-4-3 (mod)	1995	Electromagnetic compatibility (EMC) Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3	1996
A1	1998		A1	1998

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60255-22-3

Third edition  
Troisième édition  
2007-07

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**Measuring relays and protection equipment –**

**Part 22-3:  
Electrical disturbance tests –  
Radiated electromagnetic field immunity**

**iTeh STANDARD PREVIEW**

**Relais (standards iteh) de mesure et dispositifs de protection –**

**Partie 22-3: EN 60255-22-3:2002**  
**Essais d'influence électrique –**  
**Immunité aux champs électromagnétiques rayonnés**

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Международная Электротехническая Комиссия

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## CONTENTS

FOREWORD.....	3
1 Scope and object.....	5
2 Normative references.....	5
3 Terms and definitions.....	6
4 Test severity level.....	6
5 Test equipment.....	6
6 Test set-up.....	6
7 Test procedure.....	7
7.1 Frequency sweep.....	7
7.2 Spot frequencies.....	8
8 Criteria for acceptance.....	8
9 Test report.....	9
 Bibliography.....	 12
 Figure 1 – Example of a test set-up for floor standing equipment.....	 10
Figure 2 – Example of a test set-up for single equipment.....	11
 Table 1 – Spot frequencies.....	 8
Table 2 – Criteria for acceptance.....	9

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SIST EN 60255-22-3:2002  
<https://standards.iteh.ai/catalog/standards/sist/8c35e63f-23ec-4ca2-ae1c-05c5966eb382/sist-en-60255-22-3-2002>



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MEASURING RELAYS AND PROTECTION EQUIPMENT –****Part 22-3: Electrical disturbance tests –  
Radiated electromagnetic field immunity**

## 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 60255-22-3 has been prepared by IEC technical committee 95: Measuring relays and protection equipment.

This third edition cancels and replaces the second edition published in 2000. The main change with respect to the previous edition concerns the extension of the frequency range to be tested.

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

FDIS	Report on voting
95/209/FDIS	95/215/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.