



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60255-22-7:2003**

ICS 29.120.70

**ELECTRICAL RELAYS PART 22-7:  
ELECTRICAL DISTURBANCE TESTS FOR  
MEASURING RELAYS AND PROTECTION  
EQUIPMENT - POWER FREQUENCY  
IMMUNITY TESTS (IEC 60255-22-7:2003)**

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EUROPEAN STANDARD

**EN 60255-22-7**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2003

ICS 29.120.70

English version

**Electrical relays**  
**Part 22-7: Electrical disturbance tests for measuring relays**  
**and protection equipment -**  
**Power frequency immunity tests**  
(IEC 60255-22-7:2003)

Relais électriques  
Partie 22-7: Essais d'influence électrique  
concernant les relais de mesure  
et dispositifs de protection -  
Essais d'immunité aux fréquences  
industrielles  
(CEI 60255-22-7:2003)

Elektrische Relais  
Teil 22-7: Prüfungen der elektrischen  
Störfestigkeit von Messrelais  
und Schutzeinrichtungen -  
Prüfung der Störfestigkeit gegen  
netzfrequente Störgrößen  
(IEC 60255-22-7:2003)

This European Standard was approved by CENELEC on 2003-05-01. 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 95/154/FDIS, future edition 1 of IEC 60255-22-7, 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 60255-22-7 on 2003-05-01.

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) 2004-02-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2006-05-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annex A is informative.  
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60255-22-7:2003 was approved by CENELEC as a European Standard without any modification.

## 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 60255-6<br>(mod) | 1988        | Electrical relays<br>Part 6: Measuring relays and protection<br>equipment   | EN 60255-6<br>+ corr. February | 1994<br>1995 |
| IEC 61000-4-16       | 1998        | Electromagnetic compatibility (EMC)<br>Part 4-16: Testing and measurement<br>techniques - Test for immunity to<br>conducted, common mode disturbances<br>in the frequency range 0 Hz to 150 kHz | EN 61000-4-16                  | 1998         |
| A1                   | 2001        |   | -                              | -            |



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