



**NSAI**  
Standards

Irish Standard  
I.S. EN 60255-22-4:2008

# Measuring relays and protection equipment -- Part 22-4: Electrical disturbance tests - Electrical fast transient/burst immunity test (IEC 60255-22-4:2008 (EQV))

## I.S. EN 60255-22-4:2008

*Incorporating amendments/corrigenda issued since publication:*

<i>This standard replaces:</i> I.S. EN 60255-22-4:2002	<i>This standard is based on:</i> EN 60255-22-4:2008 EN 60255-22-4:2002	<i>Published:</i> 5 June, 2008 30 August, 2002	
This Irish Standard was published under the authority of the NSAI and comes into effect on: 1 October, 2008		ICS number: 29.120.70	
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60255-22-4**

June 2008

ICS 29.120.70

Supersedes EN 60255-22-4:2002

English version

**Measuring relays and protection equipment -  
Part 22-4: Electrical disturbance tests -  
Electrical fast transient/burst immunity test  
(IEC 60255-22-4:2008)**

Relais de mesure  
et dispositifs de protection -  
Partie 22-4: Essais d'influence électrique -  
Essai d'immunité aux transitoires  
électriques rapides en salves  
(CEI 60255-22-4:2008)

Messrelais und Schutzeinrichtungen -  
Teil 22-4: Prüfungen  
der elektrischen Störfestigkeit -  
Prüfung der Störfestigkeit gegen schnelle  
transiente elektrische Störgrößen/Burst  
(IEC 60255-22-4:2008)

This European Standard was approved by CENELEC on 2008-05-01. 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, Bulgaria, 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 document 95/228/FDIS, future edition 3 of IEC 60255-22-4, 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 60255-22-4 on 2008-05-01.

This European Standard supersedes EN 60255-22-4:2002.

The main change with respect to EN 60255-22-4:2002 is:

- the improvement of the test severity level regarding the repetition rate.

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) 2009-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-05-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60255-22-4:2008 was approved by CENELEC as a European Standard without any modification.

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## **Annex ZA** (normative)

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

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 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	- <sup>1)</sup>	International Electrotechnical Vocabulary (IEV) - Chapter 161: Electromagnetic compatibility	-	-
IEC 60255-6	1988	Electrical relays - Part 6: Measuring relays and protection equipment	EN 60255-6 + corr. February	1994 1995
IEC 61000-4-4	2004	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	2004

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<sup>1)</sup> Undated reference.



# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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Part 22-4: Electrical disturbance tests – Electrical fast transient/burst immunity  
test**

**Relais de mesure et dispositifs de protection –  
Partie 22-4: Essais d'influence électrique – Essai d'immunité aux transitoires  
électriques rapides en salves**

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