
**Električni releji – 26. del: Zahteve za elektromagnetno združljivost merilnih
relejev in zaščitne opreme (IEC 60255-26:2004)**

Electrical relays - Part 26 : Electromagnetic compatibility requirements for
measuring relays and protection equipment (IEC 60255-26:2004)

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EUROPEAN STANDARD

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Electrical relays
Part 26 : Electromagnetic compatibility requirements
for measuring relays and protection equipment
(IEC 60255-26:2004)

Relais électriques
Partie 26: Exigences de compatibilité
électromagnétique pour les relais de
mesure et dispositifs de protection
(CEI 60255-26:2004)

Elektrische Relais
Teil 26: Anforderungen an die
elektromagnetische Verträglichkeit
für Messrelais und Schutzeinrichtungen
(IEC 60255-26:2004)

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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 95/162/FDIS, future edition 1 of IEC 60255-26, 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 60255-26 on 2004-11-01.

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) 2005-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60255-26:2004 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 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>
IEC 60255-11	– ¹⁾	Electrical relays Part 11: Interruptions to and alternating component (ripple) in d.c. auxiliary energizing quantity of measuring relays	–	–
IEC 60255-22-1	– ¹⁾	Part 22-1: Electrical disturbance tests for measuring relays and protection equipment - 1 MHz burst disturbance tests	–	–
IEC 60255-22-2	– ¹⁾	Part 22: Electrical disturbance tests for measuring relays and protection equipment - Section 2: Electrostatic discharge tests	EN 60255-22-2	1996 ²⁾
IEC 60255-22-3	– ¹⁾	Part 22-3: Electrical disturbance tests for measuring relays and protection equipment - Radiated electromagnetic field disturbance tests	EN 60255-22-3	2000 ²⁾
IEC 60255-22-4	– ¹⁾	Part 22-4: Electrical disturbance tests for measuring relays and protection equipment - Electrical fast transient/burst immunity test	EN 60255-22-4	2002 ²⁾
IEC 60255-22-5	– ¹⁾	Part 22-5: Electrical disturbance tests for measuring relays and protection equipment - Surge immunity test	EN 60255-22-5	2002 ²⁾
IEC 60255-22-6	– ¹⁾	Part 22-6: Electrical disturbance tests for measuring relays and protection equipment - Immunity to conducted disturbances induced by radio frequency fields	EN 60255-22-6	2001 ²⁾

1) undated reference.

2) valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60255-22-7	– ¹⁾	Part 22-7: Electrical disturbance tests for measuring relays and protection equipment - Power frequency immunity tests	EN 60255-22-7	2003 ²⁾
IEC 60255-25	– ¹⁾	Part 25: Electromagnetic emission tests for measuring relays and protection equipment	EN 60255-25	2000 ²⁾

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Relais électriques –

**Partie 26:
Exigences de compatibilité électromagnétique
pour les relais de mesure et dispositifs
de protection**

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Electrical relays –

SIST EN 60255-26:2005

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**Part 26:
Electromagnetic compatibility requirements
for measuring relays and protection equipment**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL RELAYS –

**Part 26: Electromagnetic compatibility requirements
for measuring relays and protection equipment**

FOREWORD

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International Standard IEC 60255-26 has been prepared by IEC technical committee 95: Measuring relays and protection equipment.

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

FDIS	Report on voting
95/162/FDIS	95/164/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.

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

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

The IEC 60255 series consists of the following parts, under the general title *Electrical relays*

- Part 3: Single input energizing quantity measuring relays with dependent or independent time
- Part 5: Insulation coordination for measuring relays and protection equipment – Requirements and tests
- Part 6: Measuring relays and protection equipment
- Part 8: Thermal electrical relays
- Part 11: Interruptions to and alternating component (ripple) in d.c. auxiliary energizing quantity of measuring relays
- Part 12: Directional relays and power relays with two input energizing quantities
- Part 13: Biased (percentage) differential relays
- Part 16: Impedance measuring relays
- Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment
- Part 22: Electrical disturbance tests for measuring relays and protection equipment
- Part 24: Common format for transient data exchange (COMTRADE) for power systems
- Part 25: Electromagnetic emission tests for measuring relays and protection equipment
- Part 26: Electromagnetic compatibility requirements for measuring relays and protection equipment
- Part 27: Product safety requirements for measuring relays and protection equipment¹

¹ Under consideration.

INTRODUCTION

This part of IEC 60255 specifies all of the requirements for electromagnetic compatibility in a single document. As such, it is considered as an overview document for measuring relays and protection equipment. The detailed test procedures are given in other referenced standards.

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