

BS EN 60255-26:2009



BSI Standards Publication

Measuring relays and protection equipment —

Part 26: Electromagnetic compatibility requirements

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National foreword

This British Standard is the UK implementation of EN 60255-26:2009. It is identical to IEC 60255-26:2008. It supersedes BS EN 60255-26:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/95, Measuring relays and protection systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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ISBN 978 0 580 58548 7

ICS 29.120.70; 33.100.10; 33.100.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2010

Amendments issued since publication

Amd. No.	Date	Text affected
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60255-26

October 2009

ICS 29.120.70; 33.100.10; 33.100.20

Supersedes EN 50263:1999 and EN 60255-26:2005

English version

Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements (IEC 60255-26:2008)

Relais de mesure
et dispositifs de protection -
Partie 26: Exigences de compatibilité
électromagnétique
(CEI 60255-26:2008)

Messrelais und Schutzeinrichtungen -
Teil 26: Anforderungen an die
elektromagnetische Verträglichkeit
(IEC 60255-26:2008)

This European Standard was approved by CENELEC on 2009-09-01. 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.

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CENELEC

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

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Ref. No. EN 60255-26:2009 E

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Foreword

The text of document 95/230/FDIS, future edition 2 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 2009-09-01.

This European Standard supersedes EN 60255-26:2005 and EN 50263:1999.

The main difference with respect to EN 60255-26:2005 concerns the reference to EN 61000-4 series and to EN 55022.

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) | 2010-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2012-09-01 |

Annexes ZA and ZZ have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60255-26:2008 was approved by CENELEC as a European Standard without any modification.

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 60255-11	1979	Electrical relays - Part 11: Interruptions to and alternating component (ripple) in d.c. auxiliary energizing quantity of measuring relays	-	-
IEC 60255-22-1	2007	Measuring relays and protection equipment - Part 22-1: Electrical disturbance tests - 1 MHz burst immunity tests	EN 60255-22-1	2008
IEC 60255-22-2	1996	Electrical relays - Part 22: Electrical disturbance tests for measuring relays and protection equipment - Section 2: Electrostatic discharge tests	EN 60255-22-2 ¹⁾	1996
IEC 60255-22-3	2007	Measuring relays and protection equipment - Part 22-3: Electrical disturbance tests - Radiated electromagnetic field immunity	EN 60255-22-3	2008
IEC 60255-22-4	2002	Electrical relays - Part 22-4: Electrical disturbance tests for measuring relays and protection equipment - Electrical fast transient/burst immunity test	EN 60255-22-4 ²⁾	2002
IEC 60255-22-5	2002	Electrical relays - Part 22-5: Electrical disturbance tests for measuring relays and protection equipment - Surge immunity test	EN 60255-22-5	2002
IEC 60255-22-6	2001	Electrical relays - 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
IEC 60255-22-7	2003	Electrical relays - Part 22-7: Electrical disturbance tests for measuring relays and protection equipment - Power frequency immunity tests	EN 60255-22-7	2003
IEC 60255-25	2000	Electrical relays - Part 25: Electromagnetic emission tests for measuring relays and protection equipment	EN 60255-25	2000
IEC 61000-4-2	1995	Electromagnetic compatibility (EMC) -	EN 61000-4-2 ³⁾	1995
A1	1998	Part 4-2: Testing and measurement	A1	1998
A2	2000	techniques - Electrostatic discharge immunity test	A2	2001

¹⁾ EN 60255-22-2 is superseded by EN 60255-22-2:2008, which is based on IEC 60255-22-2:2008.

²⁾ EN 60255-22-4 is superseded by EN 60255-22-4:2008, which is based on IEC 60255-22-4:2008.

³⁾ EN 61000-4-2 is superseded by EN 61000-4-2:2009, which is based on IEC 61000-4-2:2008.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-4-3	2006	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3	2006
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
IEC 61000-4-5	2005	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	2006
IEC 61000-4-6 + A1 + A2	2003 2004 2006	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6 ⁴⁾ + corr. August	2007 2007
IEC 61000-4-8 A1	1993 2000	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	EN 61000-4-8 A1	1993 2001
IEC 61000-4-16 A1	1998 2001	Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	EN 61000-4-16 A1	1998 2004
IEC 61000-4-18	2006	Electromagnetic compatibility (EMC) - Part 4-18: Testing and measurement techniques - Damped oscillatory wave immunity test	EN 61000-4-18 + corr. September	2007 2007
IEC 61000-4-29	2000	Electromagnetic compatibility (EMC) - Part 4-29: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests	EN 61000-4-29	2000
CISPR 22 (mod) A1 A2	2005 2005 2006	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement	EN 55022 A1 -	2006 2007 -

⁴⁾ EN 61000-4-6 is superseded by EN 61000-4-6:2009, which is based on IEC 61000-4-6:2008.