



**NSAI**  
Standards

Irish Standard  
I.S. EN 62271-206:2011

High-voltage switchgear and controlgear -- Part 206: Voltage presence indicating systems for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-206:2011 (EQV))

## I.S. EN 62271-206:2011

*Incorporating amendments/corrigenda issued since publication:*

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD

**EN 62271-206**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2011

ICS 29.130.10

Supersedes EN 61958:2001

English version

**High-voltage switchgear and controlgear -  
Part 206: Voltage presence indicating systems for rated voltages above  
1 kV and up to and including 52 kV  
(IEC 62271-206:2011)**

Appareillage à haute tension -  
Partie 206: Systèmes indicateurs de  
présence de tension assignées  
supérieures à 1 kV et inférieures ou  
égales à 52 kV  
(CEI 62271-206:2011)

Hochspannungs-Schaltgeräte und -  
Schaltanlagen -  
Teil 206: Spannungsanzeigesysteme für  
Bemessungsspannungen über 1 kV bis  
einschließlich 52 kV  
(IEC 62271-206:2011)

This European Standard was approved by CENELEC on 2011-03-03. 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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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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**I.S. EN 62271-206:2011**

EN 62271-206:2011

- 2 -

**Foreword**

The text of document 17C/491/FDIS, future edition 1 of IEC 62271-206, prepared by SC 17C, High-voltage switchgear and controlgear assemblies, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62271-206 on 2011-03-03.

This European Standard supersedes EN 61958:2001.

The main changes with respect of EN 61958:2001 are an actualization of references and the degree of protection which has been changed from IPXXB to IP2X.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) 2011-12-03
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2014-03-03

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the International Standard IEC 62271-206:2011 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 60060-1	-	High-voltage test techniques - Part 1: General definitions and test requirements	EN 60060-1	-
IEC 60068-2-14	-	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	EN 60068-2-14	-
IEC 60068-2-75	-	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	-
IEC 60529	-	Degrees of protection provided by enclosures - (IP Code)		-
IEC 61243-1 (mod)	-	Live working - Voltage detectors - Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.	EN 61243-1	-
IEC 61243-2 (mod)	-	Live working - Voltage detectors - Part 2: Resistive type to be used for voltages of 1 kV to 36 kV a.c.	EN 61243-2	-
IEC 61243-5 (mod)	-	Live working - Voltage detectors - Part 5: Voltage detecting systems (VDS)	EN 61243-5	-
IEC 62271-1	2007	High-voltage switchgear and controlgear - Part 1: Common specifications	EN 62271-1	2008
IEC 62271-200	-	High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	EN 62271-200	-
IEC 62271-201	-	High-voltage switchgear and controlgear - Part 201: AC insulation-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	EN 62271-201 + corr. November	-

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## CONTENTS

FOREWORD.....	5
1 General .....	7
1.1 Scope.....	7
1.2 Normative references .....	7
2 Service conditions.....	7
3 Terms and definitions .....	8
4 Ratings.....	8
4.1 Rated voltage .....	9
4.2 Rated insulation level.....	9
4.3 Rated frequency .....	9
5 Design and construction.....	9
5.1 General .....	9
5.1.1 Parts of VPIS.....	9
5.1.2 Phase comparison .....	9
5.1.3 Degree of protection (IP code) .....	9
5.1.4 Impact resistance .....	9
5.1.5 Testing element.....	9
5.2 Threshold values for voltage presence indication .....	9
5.3 Indication and perceptibility.....	10
5.3.1 General .....	10
5.3.2 Frequency of repetition .....	10
5.3.3 Response time.....	10
5.3.4 Indication until power source is exhausted.....	10
5.4 Coupling element and voltage limiting device .....	10
5.4.1 Insulation of coupling element.....	10
5.4.2 Voltage limiting device .....	10
5.4.3 Threshold voltage of voltage limiting device.....	11
5.4.4 Earth fault conditions .....	11
5.4.5 Maximum current delivered by the connecting point.....	11
5.5 Marking .....	11
5.6 Phase comparator and connecting point.....	11
5.6.1 General .....	11
5.6.2 Clear indication of phase comparators .....	12
5.6.3 Perceptibility of indication .....	12
5.6.4 Indication in case of absence of voltage on one side .....	12
5.6.5 Indication in case of absence of voltage on both sides.....	12
5.7 Electromagnetic compatibility (EMC).....	12
6 Type tests.....	13
6.1 General .....	13
6.1.1 Sequence of tests .....	13
6.1.2 Test specimens .....	13
6.1.3 Conditioning procedure .....	13
6.1.4 Test voltages .....	13
6.1.5 Test conditions .....	13
6.1.6 Values of currents and voltages .....	14
6.1.7 Tolerances.....	14

6.2	Arrangement, assembly, marking, and instructions for use .....	14
6.3	Clear indication of VPIS .....	14
6.4	Response time of VPIS .....	14
6.5	Dielectric strength of the coupling element of VPIS .....	15
6.6	Maximum current delivered by the connecting point.....	15
6.7	Voltage limiting device .....	15
6.7.1	General .....	15
6.7.2	Threshold voltage .....	15
6.7.3	Current-carrying capacity .....	15
6.8	Clear perceptibility of visual indication.....	16
6.8.1	Test voltages .....	16
6.8.2	Test set-up .....	16
6.8.3	Test procedure .....	16
6.8.4	Test assessment .....	16
6.8.5	Perceptibility of indication at maximum applied voltage.....	16
6.8.6	Perceptibility of indication at low light level .....	17
6.9	Impact resistance .....	17
6.10	Clear indication of phase comparators .....	17
6.10.1	Test set-up .....	17
6.10.2	Incorrect phase relationship .....	17
6.10.3	Correct phase relationship .....	17
6.10.4	Absence of voltage on one side.....	17
6.10.5	Absence of voltage on both sides .....	18
6.11	Electromagnetic compatibility tests (EMC).....	18
6.12	Indication until power source is exhausted .....	18
6.12.1	Test set-up .....	18
6.12.2	Determination of test voltage.....	18
6.12.3	Test procedure .....	18
6.12.4	Repetition of test.....	18
6.12.5	Multiple power sources .....	18
6.12.6	Test assessment .....	19
7	Routine tests .....	19
7.1	General .....	19
7.2	Clear indication.....	19
8	Guide to the selection of VPIS .....	19
9	Information to be given with enquiries, tenders and orders .....	19
10	Instructions for use .....	19
10.1	General .....	19
10.2	Instructions for use of VPIS .....	19
10.3	Instructions for use of phase comparators.....	20
11	Safety.....	20
	Bibliography .....	24
	Figure 1 – Voltage presence indicating system .....	21
	Figure 2 – Examples for measuring the response time.....	22
	Figure 3 – Test set-up for perceptibility of visual indication .....	23



Table 1 – Indication corresponding to "voltage present" .....	10
Table 2 – Sequence of type tests for VPIS and phase comparators (PC).....	21

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**HIGH-VOLTAGE SWITCHGEAR AND CONTROLGEAR –**

**Part 206: Voltage presence indicating systems for rated voltages  
above 1 kV and up to and including 52 kV**

FOREWORD

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International Standard IEC 62271-206 has been prepared by subcommittee 17C: High-voltage switchgear and controlgear assemblies, of IEC technical committee 17: Switchgear and controlgear.

This first edition of IEC 62271-206 cancels and replaces the first edition of IEC 61958. This edition constitutes a minor revision.

The main changes with respect of the first edition of IEC 61958 are an actualization of references and the degree of protection which has been changed from IPXXB to IP2X.

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

FDIS	Report on voting
17C/491/FDIS	17C/500/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.

A list of all the parts in the IEC 62271 series under general title *High-voltage switchgear and controlgear* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability 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

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