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Standards

Irish Standard
I.S. EN 60358-1:2012

Coupling capacitors and capacitor dividers - Part 1: General rules

I.S. EN 60358-1:2012

Incorporating amendments/corrigenda/National Annexes issued since publication:

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EN 60358-1

August 2012

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Supersedes HD 597 S1:1992 (partially)

English version

**Coupling capacitors and capacitor dividers -
Part 1: General rules
(IEC 60358-1:2012)**

Condensateurs de couplage et diviseurs
capacitifs -
Partie 1: Règles générales
(CEI 60358-1:2012)

Kopplungskondensatoren und kapazitive
Teiler -
Teil 1: Allgemeine Bestimmungen
(IEC 60358-1:2012)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 33/499/FDIS, future edition 1 of IEC 60358-1, prepared by IEC/TC 33, "Power capacitors" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60358-1:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-04-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-07-17

This document supersedes HD 597 S1:1992 (partially).

EN 60358-1:2012 includes the following significant technical changes with respect to HD 597 S1:1992:

- The standard has been split into different parts; Part 1 is the general rules and Parts 2, 3, 4 will be specific to the PLC, filters and dividers applications.
- The routine and type test have been reviewed and are presented in Figure 2.

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Endorsement notice

The text of the International Standard IEC 60358-1:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60060-2	NOTE	Harmonized as EN 60060-2.
IEC 60085	NOTE	Harmonized as EN 60085.
IEC 60358-2	NOTE	Harmonized as EN 60358-2 ¹⁾ .
IEC 60422	NOTE	Harmonized as EN 60422.
IEC 61869-5	NOTE	Harmonized as EN 61869-5.
IEC 62155	NOTE	Harmonized as EN 62155.
CISPR 16-1-1	NOTE	Harmonized as EN 55016-1-1.

¹⁾ To be published.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 60038 (mod)	-	IEC standard voltages	EN 60038	-
IEC 60050-321	1986	International Electrotechnical vocabulary - Chapter 321: Instrument transformers	-	-
IEC 60050-436	1990	International Electrotechnical Vocabulary (IEV) - Chapter 436: Power capacitors	-	-
IEC 60050-601	1985	International Electrotechnical Vocabulary (IEV) - Chapter 601: Generation, transmission and distribution of electricity - General	-	-
IEC 60050-604	1987	International Electrotechnical Vocabulary (IEV) - Chapter 604: Generation, transmission and distribution of electricity - Operation	-	-
IEC 60060-1	-	High-voltage test techniques - Part 1: General definitions and test requirements	EN 60060-1	-
IEC 60068-2-17	-	Environmental testing - Part 2: Tests - Test Q: Sealing	EN 60068-2-17	-
IEC 60071-1	-	Insulation co-ordination - Part 1: Definitions, principles and rules	EN 60071-1	-
IEC 60270	-	High-voltage test techniques - Partial discharge measurements	EN 60270	-
IEC 60721	Series	Classification of environmental conditions	EN 60721	Series
IEC 61462	-	Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with rated voltage greater than 1 000 V - Definitions, test methods, acceptance criteria and design recommendations	EN 61462	-
CISPR/TR 18-2	-	Radio interference characteristics of overhead - power lines and high-voltage equipment - Part 2: Methods of measurement and procedure for determining limits	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Coupling capacitors and capacitor dividers –
Part 1: General rules**

**Condensateurs de couplage et diviseurs capacitifs –
Partie 1: Règles générales**



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**Coupling capacitors and capacitor dividers –
Part 1: General rules**

**Condensateurs de couplage et diviseurs capacitifs –
Partie 1: Règles générales**

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International Standard IEC 60358-1 has been prepared by IEC Technical Committee 33: Power capacitors and their applications.

This standard cancels and replaces the second edition of IEC 60358 (1990), and constitutes a technical revision.

This edition of IEC 60358-1 includes the following significant technical changes with respect to the former edition of IEC 60358:

- The standard has been split into different parts; Part 1 is the general rules and Parts 2, 3, 4 will be specific to the PLC, filters and dividers applications.
- The routine and type test have been reviewed and are presented in Figure 2.

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