

Coupling capacitors and capacitor dividers - Part 3: AC or DC coupling capacitors for harmonic-filters applications

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 60358-3:2014 sisaldab Euroopa standardi EN 60358-3:2014 inglisekeelset teksti.	This Estonian standard EVS-EN 60358-3:2014 consists of the English text of the European standard EN 60358-3:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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**Coupling capacitors and capacitor dividers -
Part 3: AC or DC coupling capacitors for harmonic-filters applications
(IEC 60358-3:2013)**

Condensateurs de couplage et diviseurs
capacitifs - Partie 3: Condensateur de
couplage à courant alternatif ou à courant
continu pour des applications à filtres
harmoniques
(CEI 60358-3:2013)

Kopplungskondensatoren und kapazitive
Teiler – Teil 3: Kopplungskondensatoren
für Wechsel- oder Gleichstrom als
Oberwellenfilter
(IEC 60358-3:2013)

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CENELEC

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 33/510/CDV, future edition 1 of IEC 60358-3, prepared by IEC/TC 33, "Power capacitors and their applications" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60358-3:2014.

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) 2014-10-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-01-01

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

This European Standard is to be used in conjunction with EN 60358-1:2012 and its amendments.

This Part 3 supplements or modifies the corresponding clauses in EN 60358-1:2012.

When a particular subclause of Part 1 is not mentioned in this Part 3, that subclause applies as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

For additional clauses, subclauses, figures, tables or annexes, the following numbering system is used:

- subclauses, tables and figures which are additional to those in Part 1 are numbered starting from 300;
- additional tables or annexes are lettered AA, BB etc.
- as the notes are integrated into the clauses, their numbering starts from 1 as usual.

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

Endorsement notice

The text of the International Standard IEC 60358-3:2013 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60633 NOTE Harmonized as EN 60633.

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.

Replace Annex ZA of EN 60358-1:2012 with the following:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60060-1	2010	High-voltage test techniques - Part 1: General definitions and test requirements	EN 60060-1	2010
IEC 60060-2	-	High-voltage test techniques - Part 2: Measuring systems	EN 60060-2	-
IEC 60358-1 + corr. July	2012 2013	Coupling capacitors and capacitor dividers - Part 1: General rules	EN 60358-1 + AC:2013	2012 2013
IEC 60358-2	-	Coupling capacitors and capacitor dividers - Part 2: AC or DC single-phase coupling capacitor connected between line and ground for power line carrier-frequency (PLC) application	EN 60358-2	-
IEC 60481	-	Coupling devices for power line carrier systems	-	-
IEC 61869-5	-	Instrument transformers - Part 5: Additional requirements for capacitor voltage transformers	EN 61869-5	-

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INTRODUCTION

This series consists of the following parts:

IEC 60358-1:2012, *Coupling capacitor and capacitor dividers – Part 1: General rules*

IEC 60358-2:2013, *Coupling capacitor and capacitor dividers – Part 2: AC or DC single-phase coupling capacitor connected between line and ground for power line carrier-frequency (PLC) application*

IEC 60358-3:2013¹, *Coupling capacitor and capacitor dividers – Part 3: AC or DC coupling capacitor for harmonic-filters applications*

IEC 60358-4: –², *Coupling capacitor and capacitor dividers – Part 4: AC or DC single-phase capacitor-divider and RC-divider connected between line and ground (except for CVTs which belong to IEC 61869 series)*

¹ To be published.

² Under consideration.