

Coupling capacitors and capacitor dividers - Part 4: DC
and AC single-phase capacitor dividers

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60358-4:2018 sisaldab Euroopa standardi EN IEC 60358-4:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60358-4:2018 consists of the English text of the European standard EN IEC 60358-4:2018.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 23.11.2018.	Date of Availability of the European standard is 23.11.2018.
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English Version

Coupling capacitors and capacitor dividers - Part 4: DC and AC
single-phase capacitor dividers
(IEC 60358-4:2018)

Condensateurs de couplage et diviseurs capacitifs - Partie
4: Diviseurs capacitifs monophasés pour courant alternatif
ou pour courant continu
(IEC 60358-4:2018)

Kopplungskondensatoren und kapazitive Teiler - Teil 4:
Einphasen-Spannungsteiler-Kondensatoren für Wechsel-
oder Gleichstrom
(IEC 60358-4:2018)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 33/616/FDIS, future edition 1 of IEC 60358-4, prepared by IEC/TC 33 "Power capacitors and their applications" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60358-4:2018.

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) 2019-05-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-11-23

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

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

This European Standard is to be used in conjunction with the latest edition of EN 60358-1 and its amendments. It was established on the basis of the first edition (2012) of that standard.

This Part 4 supplements or modifies the corresponding clauses in EN 60358-1.

When a particular subclause of Part 1 is not mentioned in this Part 4, that subclause applies as far as is reasonable. Where this Part 4 states "addition" 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 400;
- additional tables and annexes are lettered AA, BB etc.;
- as the notes are integrated into the clauses, their numbering starts from 1 as usual.

Endorsement notice

The text of the International Standard IEC 60358-4:2018 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 documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60358-1	2012	Coupling capacitors and capacitor dividers - Part 1: General rules	EN 60358-1	2012
+ Corrigendum 1	2013		+ AC	2013

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COUPLING CAPACITORS AND CAPACITOR DIVIDERS –**Part 4: DC or AC single-phase capacitor dividers****FOREWORD**

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International Standard IEC 60358-4 has been prepared by IEC technical committee 33: Power capacitors and their applications.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
33/616/FDIS	33/617/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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

A list of all Parts in the IEC 60358 series, published under the general title *Coupling capacitors and capacitor dividers*, can be found on the IEC website.

Parts 2 through 4 of IEC 60358 are to be used in conjunction with the latest edition of IEC 60358-1 and its amendments. They were established on the basis of the first edition (2012) of that standard.

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The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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

INTRODUCTION

This series consists of the following Parts:

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

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*

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

IEC 60358-4, *Coupling capacitors and capacitor dividers – Part 4: DC or AC single-phase capacitor dividers*