

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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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
Fax: +41 22 919 03 00
info@iec.ch
www.iec.ch

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COUPLING CAPACITORS AND CAPACITOR DIVIDERS –**Part 1: General rules****FOREWORD**

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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.

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

FDIS	Report on voting
33/499/FDIS	33/508/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.

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INTRODUCTION

For the new re-structured IEC 60358 series, the following parts are envisaged:

- IEC 60358-1¹, Coupling capacitors and capacitor dividers – Part 1: General rules
- IEC 60358-2², 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 60358-3³, Coupling capacitors and capacitor dividers – Part 3: AC or DC single-phase coupling capacitor for harmonic-filters applications
- IEC 60358-4⁴, Coupling capacitor and capacitor dividers – Part 4: AC or DC single-phase capacitor-divider and RC-divider connected between line and ground (except for CVT's which belong to IEC 61869-5)

1 To be published.

2 To be published.

3 Under consideration.

4 Under consideration.