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I.S. EN 130900:1998

ICS 31.060.40

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SECTIONAL SPECIFICATION: FIXED POLYSTYRENE FILM DIELECTRIC METAL FOIL D.C. CAPACITORS

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on:

December 18, 1998

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 130900

October 1997

Supersedes CECC 30 900:1985 and its amendments

English version

Sectional Specification: Fixed polystyrene film dielectric metal foil d.c. capacitors

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CENELEC

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

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Ref. No. EN 130900:1997 E

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Foreword

At the request of CLC/TC CECC/SC 40XA (former WG 3), the text of CECC 30 900:1985, Issue 2, with its amendments A1 through A3 and A5 and documents CECC(Secretariat)3061 and 3075, was submitted to the formal vote for conversion into a European Standard.

The text of the draft, together with the voting report, circulated as document CECC(Secretariat)3216, was approved as EN 130900 on 1992-10-14.

Based on the positive voting results on prAB to EN 130800, assessment level EZ was accepted for introduction into EN 130900 on 1997-03-11.

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) 1998-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1998-04-01

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Section 1: General

1.1 Scope

This European Standard specifies requirements for fixed capacitors for direct current, for rated voltages not exceeding 6 300 V, with electrodes of thin metal foils and a polystyrene film dielectric. They are intended for use in electronic equipment.

It prescribed preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.

Capacitors for a reactive power > 200 VAR are not covered by this specification.

Capacitors for direct connection to the supply mains to provide radio interference suppression are not included.

1.2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to and revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 130000:1993 Amendments 1 to 10	*Generic specification: Fixed capacitors*
IEC 60062:1974	*Marking codes for resistors and capacitors*
IEC 60063:1963 Amendment 1:1967	*Preferred number series for resistors and capacitors*
IEC 60068	*Basic environmental testing procedures*
IEC 60410:1973	*Sampling plans and procedures for inspection by attributes*
ISO 3:1973	*Preferred numbers - Series of preferred numbers*

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