

Sectional Specification: Fixed aluminium electrolytic a.c. capacitors with non-solid electrolyte for motor starter applications - Qualification approval

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 137100:2005 sisaldab Euroopa standardi EN 137100:1995 ingliskeelset teksti. Käesolev dokument on jõustatud 19.12.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 137100:2005 consists of the English text of the European standard EN 137100:1995. This document is endorsed on 19.12.2005 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala:	Scope:

ICS 31.060.50

Võtmesõnad:

English version

Sectional Specification:
Fixed aluminium electrolytic a.c. capacitors with non-solid
electrolyte for motor starter applications
Qualification approval

Spécification intermédiaire:
Condensateurs électrolytiques pour
courant alternatif, à l'aluminium, à
électrolyte non solide, pour application
dans les démarreurs de moteur
Homologation

Rahmenspezifikation:
Aluminium-Elektrolyt-Wechsel-
spannungskondensatoren mit
flüssigem Elektrolyten zur
Verwendung im Motoranlaßbetrieb
Bauartanerkennung

This European Standard was approved on 1995-06-24. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard was prepared by Working Group CLC/TC CECC/WG 3.

The text of the draft based on document CECC(Secretariat)3248 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3660, it was approved as EN 137100 on 1995-06-24.

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) 1996-07-01
 - latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-07-01
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1 - GENERAL

1.1 Scope

This specification applies to aluminium electrolytic capacitors with non-solid electrolyte primarily intended for a.c. motor starting applications. It covers capacitors for connection to windings of asynchronous motors supplied from a single-phase system having a frequency up to and including 100 Hz, with rated voltages up to and including 500 V.

It prescribes preferred ratings and characteristics and selects from the specification EN 137000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.

1.2 Related documents

IEC 62	Marking codes for resistors and capacitors
IEC 68	Basic environmental testing procedures
EN 137000:1995	Generic specification: Fixed a.c. aluminium electrolyte capacitors for use with motors
IEC 410	Sampling plans and procedures for inspection by attributes

Note - The above references apply to the current editions except for IEC 68 where the referenced edition shall be used.

1.3 Information to be prescribed in a detail specification

Detail specifications shall be derived from the relevant blank detail specification.

Detail specifications shall not specify requirements inferior to those of the generic, sectional or blank detail specification. When more severe requirements are included, they shall be listed in 1.9 of the detail specification and indicated in the test schedules, for example by an asterisk.

Note - The information given in 1.3.1 may for convenience be presented in tabular form.

The following information shall be given in each detail specification and the values quoted shall preferably be selected from those given in the appropriate clause of this sectional specification.

1.3.1 Outline drawing and dimensions

There shall be an illustration of the capacitor as an aid to easy recognition and for comparison of the capacitor with others. Dimensions and their associated tolerances, which affect interchangeability and mounting, shall be given in the detail specification. All dimensions are preferably to be stated in mm.