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SIST EN 150009:2002

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EUROPEAN STANDARD
 NORME EUROPÉENNE
 EUROPÄISCHE NORM

EN 150009

December 1992

UDC

Supersedes CECC 50009 Issue 4:1991

Descriptors: Quality, electronic components, diodes

English version

Blank Detail Specification: Case-rated rectifier diodes

Spécification Particulière Cadre:
 Diodes de redressement à
 température de boîtier spécifiée

Vordruck für Bauartspezifikation:
 Gehäusebezogene
 Gleichrichter-Dioden

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This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 3 December 1992. CENELEC members are bound to comply with 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 General Secretariat of the CECC or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

CECC

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

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

Preface

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This specification has been formally approved by the CECC, and has been prepared for those countries taking part in the System who wish to issue national harmonized specifications for **Case-rated rectifier diodes**. It should be read in conjunction with the current regulations for the CECC System.

Copies of it can be obtained from the addresses shown on the blue fly sheet.

Foreword

This specification was prepared by CECC WG 7 "*Rectifier diodes and thyristors*".

It is based, wherever possible, on the Publications of the International Electrotechnical Commission (IEC).

The CECC voting procedure for the conversion of publication CECC 50009 Issue 4:1991 to EN has resulted in a positive vote.

The voting report [document CECC(Secretariat)3255/11.92] has been submitted for formal approval and has been accepted. The reference document was approved by CECC as EN 15009:1992 on 3 December 1992.

The following dates were fixed:

— latest date of announcement of the EN at national level	(doa)	1993-06-30
— latest date of publication of an identical national standard	(dop)	1993-12-30
— latest date of declaration of national standards obsolescence		1993-12-30
— latest date of withdrawal of conflicting national standards	(dow)	2003-06-30

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Förderverein für Elektrotechnische Normung (FEN) e. V.
Cenelec Electronic Components Committee

CECC

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques



SPECIFICATION PARTICULIERE CADRE:

**DIODES DE REDRESSEMENT A
TEMPERATURE DE BOITIER
SPECIFIEE**

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Harmonized System of Quality Assessment for
Electronic Components

BLANK DETAIL SPECIFICATION:

**CASE-RATED RECTIFIER
DIODES**

4 Edition
Issue
Ausgabe

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

VORDRUCK FÜR BAUARTSPEZIFIKATIONEN:

**GEHÄUSEBEZOGENE
GLEICHRICHTER-DIODEN**

CECC 50 009

1991

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The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This specification has been formally approved by the CECC, and has been prepared for those countries taking part in the System who wish to issue national harmonized specifications for CASE-RATED RECTIFIER DIODES. It should be read in conjunction with the current regulations for the CECC System.

At the date of printing of this specification, the member countries of the CECC are Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom, and copies of it can be obtained from the addresses shown on the blue fly sheet.

Preface

This blank detail specification was prepared by CECC WG 7: *Rectifier diodes and thyristors*.

It is based, wherever possible, on the Publications of the International Electrotechnical Commission.

The text of this Issue 4 consists of the text of CECC 50009 Issue 3 (1982) amended in accordance with the ratified new material (specifying the characteristics which apply to avalanche and controlled avalanche rectifier diodes only) introduced in the following document:

https://standards.itec.org/catalog/standards/sist/08a75155-7814-4695-8e83-3e3670311b27/en-150009-2002	Document	Date of Voting	Report on the Voting
CECC(Secretariat)2704		June 1991	CECC(Secretariat)2815

Effective date

This Issue 4 shall become effective for all new applications for qualification approval on 15 August 1991. Issue 3 shall remain valid to cover all past approvals.

NOTE. It is recognized that the lay-out proposed cannot be applied to all detail specifications based on this document. For instance, it may be preferable to indicate the limiting values in the form of a table when several similar devices appear in the same specification.

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KEY FOR PAGE 2

The numbers in square brackets on page 2 correspond to the following indications which shall be given:

Identification of the detail specification

- [1] The name of the National Standards Organization under whose authority the detail specification is published, and, if applicable the organisation from whom the DS is available.
- [2] The CECC Symbol and the number allotted by the CECC General Secretariat to the completed detail specification.
- [3] The number and issue number of the CECC generic or sectional specification as relevant; also national reference if different.
- [4] If different from the CECC number, the national number of the detail specification, date of issue and any further information required by the national system, together with any amendment numbers.

Identification of the component

- [5] A short description of the type of component.
 - [6] Information on typical construction (where applicable).
 - [7] Outline drawing and/or reference to the relevant document for outlines.
 - [8] Application or group of applications covered and quality assessment levels.
 - [9] Reference data on the most important properties, to allow comparison between the various component types.
- For [5] and [6] the text given should be suitable for an entry in CECC 00200 or CECC 00300.

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