

Specification for

Harmonized system of quality assessment for electronic components — Blank detail specification —

Case-rated rectifier diodes

The European Standard EN 150009:1992 has the status of a
British Standard

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Amendments issued since publication

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National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Policy Committee (ECL/-). It is identical with CECC 50009 Issue 4:1991: “*Harmonized system of quality assessment for electronic components. Blank detail specification: Case-rated rectifier diodes*” published by the European Committee for Electrotechnical Standardization (CENELEC) Electronic Components Committee (CECC).

CECC 50009 Issue 4:1991 was prepared by CECC WG7: “*Rectifier diodes and thyristors*” and the United Kingdom participation in the drafting was provided by Technical Committee ECL/24: Semiconductors.

In 1992 the CENELEC Electronic Components Committee (CECC) accepted CECC 50009:1991 as European Standard EN 150009:1992.

This standard supersedes BS CECC 50009:1982 which remains valid to cover all existing approvals.

Scope

This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS CECC 50000 in any detail specification for these devices. The text of this standard consists of the text of BS CECC 50009 Issue 3 (1982) amended to include characteristics which apply to avalanche and controlled avalanche rectifier diodes.

Cross-references

International Standard	Corresponding British Standard
IEC 191-2:1966	BS 3934: <i>Specification for dimensions of semiconductor devices and integrated electronic circuits</i> Part 2:1991: <i>Schedule of International drawings giving dimensions</i> (Identical)
IEC 747-2:1983	BS 6493: <i>Semiconductor devices</i> Part 1: <i>Discrete devices</i> Section 1.2:1984 <i>Recommendations for rectifier diodes</i> (Identical)
CECC 50000:1986	BS CECC 50000:1987 <i>Harmonized system of quality assessment for electronic components. Generic specification: discrete semiconductor devices</i> (Identical)
CECC 50001:1980	BS CECC 50001:1981 <i>Specification for harmonized system of quality assessment for electronic components. Blank detail specification: general purpose semiconductor diodes</i> (Identical)

The Technical Committee has reviewed the provisions of CECC 00200 and CECC 00300 to which reference is made in the text and has decided that they are acceptable for use in conjunction with this standard.

The British Standard which implements the CECC Rules of Procedure is BS 9000 “General requirements for a system for electronic components of assessed quality” Part 2:1991 “Specification for the national implementation of the CECC System”.

Detail specifications. Detail specifications shall comply with the requirements of this Blank Detail Specification and BS CECC 00111 — “Specifications”.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, page 2, the CECC title page, pages ii to iv, pages 1 to 8 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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

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

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