

Specification for

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

Electromechanical all-or-nothing
sealed relays for aggressive industrial
application

The European Standard EN 116204:1994 has the status of a
British Standard

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Amendments issued since publication

Amd. No.	Date	Comments

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National foreword

This British Standard has been prepared under the direction of the Electrotechnical Sector Board. It is the English language version of EN 116204:1994 *Harmonized system of quality assessment for electronic components. Blank detail specification: Electromechanical all-or-nothing sealed relays for aggressive industrial application* published by the European Committee for Electrotechnical Standardization (CENELEC) Electronic Components Committee (CECC).

EN 116204 was prepared by CECC WG 16, Relays, and the United Kingdom participation in the drafting was provided by Technical Committee ECL/1, General purpose relays and reed contact units.

Scope. The standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS EN 116200 in any detail specification for these devices.

Cross-references

International Standard	Corresponding British Standard
IEC 62	BS EN 60062:1994 <i>Marking codes for resistors and capacitors</i>
IEC 68-1	BS 2011 <i>Environmental testing</i> Part 1.1:1989 <i>General and guidance</i>
IEC 255-1-00:1975	BS 5992 <i>Electrical relays</i> Part 2:1980 <i>Specification for all-or-nothing electrical relays</i> BS CECC 00114: <i>Rule of Procedure 14. Quality Assessment Procedures</i>
CECC 00114-I:1992	Part 1:1993 <i>Approval of manufacturers and other organizations</i>
CECC 00114-II:1992	Part 2:1993 <i>Qualification approval of electronic components</i>
EN 116000-1:1992	BS EN 116000 <i>Harmonized system of quality assessment for electronic components. Generic specification: Electromechanical all-or-nothing relays</i> Part 1:1995 <i>General</i> (Includes EN 116000-1 A1:1992)
EN 116200:1991	BS EN 116200:1995 <i>Harmonized system of quality assessment for electronic components. Sectional specification: Electromechanical all-or-nothing relays.</i>

The Technical Committee has reviewed the provisions of IEC 68-2-47, to which normative 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 of 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: *Rule of Procedure 11. Specifications. Part 4:1991 Regulations for CECC Detail 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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 16 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.

UDC

Descriptors: Quality, electronic components, relays

English version

Blank detail specification:
Electromechanical all-or-nothing sealed relays
for aggressive industrial application

Spécification particulière cadre:
*À présent, cette spécification
n'existe pas en français*

Vordruck für Bauartspezifikation:
Dichte elektromechanische Schaltrelais für den
Einsatz unter harten Industriebedingungen

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 25 October 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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Foreword

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 was prepared by CECC WG 16 “Relays”.

The text of the draft based on document CECC (Secretariat)3094 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3241, it was approved by CECC as EN 116204 on 25 October 1992.

The following dates were fixed:

- latest date of announcement of the EN at national level (doa) 1993-11-23
- latest date of publication of an identical national standard (dop) 1994-05-23
- latest date of declaration of national standards obsolescence 1994-05-23
- latest date of withdrawal of conflicting national standards (dow) 2003-11-23

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