

Harmonized system of quality assessment for electronic components — Sectional specification: Electromechanical all-or-nothing relays

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Cooperating organizations

The Electronic Components Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government department and scientific and industrial organizations:

- British Electrical and Allied Manufacturers' Association (BEAMA)
- Electricity Supply Industry in England and Wales
- Electronic Components Industry Federation*
- Electronic Engineering Association*
- Institution of Electronic and Radio Engineers
- Ministry of Defence*
- National Supervising Inspectorate*
- Post Office*
- Society of British Aerospace Companies Limited
- Telecommunication Engineering and Manufacturing Association (TEMA)*

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the Committee entrusted with the preparation of this British Standard:

- Association of Control Manufacturers Tacma (BEAMA)
- Cinematograph Exhibitors' Association of Great Britain and Ireland
- Transmission and Distribution Association (BEAMA)

This British Standard, having been prepared under the direction of the Electronic Components Standards Committee, was published under the authority of the Executive Board and comes into effect on 29 August 1980

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National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Committee. It is identical with the CENELEC Electronic Components Committee (CECC) 16100 “*Harmonized system of quality assessment for electronic components. Sectional specification: Electromechanical all-or-nothing relays*”.

This standard is a harmonized specification within the CECC system. The existing non-harmonized BS 9151 “*Rules for the preparation of detail specifications for all-or-nothing relays of assessed quality*” will remain in force for the time being because of current approvals within the BS 9000 scheme.

Terminology and conventions. The text of the CECC specification has been approved as suitable for publication, without deviation, as a British Standard. Some terminology and certain conventions are not identical with those used in British Standards; attention is especially drawn to the following.

The comma has been used throughout as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Cross-reference. The British Standard harmonized with CECC 00100 is BS E9000 “*General requirements for electronic components of assessed quality harmonized with the CENELEC Electronic Components Committee System*” Part 1 “*Basic rules*”. The British Standard harmonized with CECC 00107 is BS E9000-2 “*Rules of procedure*”.

International Standard	Corresponding British Standard
IEC 410:1973	BS 6001:1972 <i>Sampling procedures and tables for inspection by attributes</i> (Technically equivalent)
CECC 16000:1979	BS CECC 16000:1980 <i>Harmonized system of quality assessment for electronic components. Generic specification: Electromechanical all-or-nothing relays</i> (Identical)

IEC 255 (to which reference is made in 4.2), is a multipart standard and relevant parts of it are to be published as identical British Standards.

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 and ii, the CECC title page, pages ii to iv, pages 1 to 12, an inside back cover 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.

European Committee for Electrotechnical Standardization (CENELEC)
Cenelec Electronic Components Committee

CECC

English version

Harmonized System of Quality Assessment for
Electronic Components

SECTIONAL SPECIFICATION:
**ELECTROMECHANICAL
ALL-OR-NOTHING
RELAYS**

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION INTERMEDIAIRE:
**RELAIS
ELECTROMECHANIQUES
DE TOUT-OU-RIEN**

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

RAHMENSPEZIFIKATION:
**ELEKTROMECHANISCHE
SCHALTRELAIS**



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Edition
Issue
Ausgabe

CECC 16100

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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 accepted by all member countries without further testing.

This document has been formally approved by the CECC, and has been prepared for those member countries taking part in the System who wish to issue national harmonized specifications for ELECTROMECHANICAL ALL-OR-NOTHING RELAYS. It should be read in conjunction with document CECC 00100: Basic Rules (1974).

Preface

This sectional specification was prepared by CECC Working Group 16: "Relays".

In accordance with the requirements of document CECC 00100 it is based, wherever possible, on the Recommendations of the International Electrotechnical Commission.

The text of this sectional specification was circulated to the CECC for voting in the document CECC(Secretariat)644 in September 1977, and was ratified by the CECC for printing as a CECC specification.

The layout of this specification deviates from that given in CECC 00400, mainly by the insertion of an "Appendix A: Explanations and Examples Regarding IL- and AQL-Values", which gives guidance to specification writers.