

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

Part 2: Quality assessment procedures

[IEC title: Electrical relays —
Part 10: Application of the IEC Quality Assessment System for
Electronic Components to all-or-nothing relays]

UDC 621.318.5:620.16/.17:620.113

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electronic Components Standards Committee (ECL/-) to Technical Committee ECL/1, upon which the following bodies were represented:

- Association of Control Manufacturers — TACMA (BEAMA Ltd.)
- British Telecommunications plc
- Electronic Components Industry Federation
- Ministry of Defence
- National Supervising Inspectorate
- Telecommunication Engineering and Manufacturing Association (TEMA)

This British Standard having been prepared under the direction of the Electronic Components Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 October 1987

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The following BSI references relate to the work on this standard:
Committee reference ECL/1
Draft for comment 79/20638 DC

ISBN 0 580 16193 5

Amendments issued since publication

Amd. No.	Date of issue	Comments

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National foreword

This Part of BS QC 160000 has been prepared under the direction of the Electronic Components Standards Committee. It is identical with IEC Publication 255-10 “*Electrical relays — Part 10: Application of the IEC Quality Assessment System for Electronic Components to all-or-nothing relays*” published in 1979 by the International Electrotechnical Commission (IEC).

This standard is a harmonized specification within the IECQ system of quality assessment for electronic components. This Part and Part 1 “*Test and measurement procedures*”, which is identical with IEC Publication 255-7:1978, together constitute the generic specification for these components.

IECQ is governed by its Basic Rules (IEC Publication QC 001001) and its Rules of Procedure (IEC Publication QC 001002). The UK standards harmonized with these publications are BS 9000 “*General requirements for a system for electronic components of assessed quality*” Part 1:1981 “*Specification of basic rules and procedures*” and Part 3:1987 “*Specification for national implementation of IECQ basic rules and rules of procedure*”.

This standard and BS QC 160000-1, used in conjunction with the relevant sectional and blank detail specifications, enable specification writers to prepare detail specifications for electromechanical all-or-nothing relays.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards.

Wherever the word “report” appears it should be read as “standard”.

Cross-references

International Standard ^a	Corresponding British Standard
IEC 255-7:1978	BS QC 160000 <i>Harmonized system of quality assessment for electrical components. Electrical relays. Generic specification: Electromechanical all-or-nothing relays</i> Part 1:1987 <i>Test and measurement procedures</i> (Identical)

^a Undated in the text.

The Technical Committee has reviewed the provisions of IEC Publications 50:Chapter 446, 410 and 419, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. Those parts of IEC Publication 410 which are relevant to the needs of this standard are technically equivalent to BS 6001-1:1972.

A related British Standard to IEC Publication 50:Chapter 446 is BS 4727 “*Glossary of electrotechnical, power, telecommunication, electronics, lighting and colour terms*” Part 1 “*Terms common to power, telecommunications and electronics*” Group 03:1971 “*Relay terminology*”. At present there is no British Standard corresponding to IEC Publication 419.

The International Standard refers to Documents CMC (Secretariat) 35 and CMC (Secretariat) 36. These have all now been incorporated in QC 001001 and QC 001002, and hence reference should be made to BS 9000-1 and BS 9000-3.

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, 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.

