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Electromechanical elementary relays of assessed quality –

Part 11: Blank detail specification – Relays for industrial application

*Relais élémentaires électromécaniques
soumis au régime d'assurance de la qualité –*

*Partie 11:
Spécification particulière cadre –
Relais pour applications industrielles*

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTROMECHANICAL ELEMENTARY RELAYS
OF ASSESSED QUALITY –**
**Part 11: Blank detail specification –
Relays for industrial application**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61811-11 has been prepared by IEC technical committee 94: All-or-nothing electrical relays.

This standard cancels and replaces IEC 60255-19-1 (1983).

The text of this standard is based on the following documents:

FDIS	Report on voting
94/169/FDIS	94/173/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

ELECTROMECHANICAL ELEMENTARY RELAYS OF ASSESSED QUALITY –

Part 11: Blank detail specification – Relays for industrial application

1 General

1.1 Scope

This part of IEC 61811 is a blank detail specification applicable to electromechanical elementary (non-specified time all-or-nothing) relays of assessed quality for industrial application.

It is based on the generic specification IEC 61811-1 and the sectional specification IEC 61811-10 and selects from IEC 61810-7 the appropriate test and measurement procedures to be used in detail specifications derived from this specification. Moreover it contains a basic test schedule to be used in the preparation of such specifications.

1.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60062:1992, *Marking codes for resistors and capacitors*

IEC 60068-1:1988, *Environmental testing – Part 1: General and guidance*
Amendment 1 (1992)

IEC 60068-2-10:1988, *Basic environmental testing procedures – Part 2: Tests – Test J and guidance: mould growth*

IEC 60068-2-21:1999, *Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices*

IEC 60068-2-47:1999, *Environmental testing – Part 2-47: Test methods – Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests*

IEC 60255-23:1996, *Electrical relays – Part 23: Contact performance*

IEC 60695-2-11, *Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products*

IEC 60695-2-12, *Fire hazard testing – Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability test method for materials*

IEC 61810-1:1998, *Electromechanical non-specified time all-or-nothing relays – Part 1: General requirements*

IEC 61810-5:1998, *Electromechanical non-specified time all-or-nothing relays – Part 5: Insulation coordination*

IEC 61810-7:1997, *Electromechanical all-or-nothing relays – Part 7: Test and measurement procedures*

IEC 61811-1:1999, *Electromechanical non-specified time all-or-nothing relays of assessed quality – Part 1: Generic specification*

IEC 61811-10:2002, *Electromechanical elementary relays of assessed quality – Part 10: Sectional specification – Relays for industrial application*

IEC QC 001002, *Rules of procedure for the IEC Quality Assessment System for Electronic Components (IECQ)*

IEC QC 001005, *Register of firms, products and services approved under the IECQ System, including ISO 9000*