# IEC/PAS 61811-55

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# Electromechanical all-or-nothing relays –

# Part 55: Blank detail specification – Electromechanical all-or-nothing telecom relays of assessed quality – Two change-over contacts, 11 mm × 7,5 mm (max.) base



PUBLICLY AVAILABLE SPECIFICATION

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Reference number**
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## FOREWORD

A PAS is a technical specification not fulfilling the requirements for a standard, but made available to the public.

IEC-PAS 61811-55 has been processed by IEC technical committee 94: All-or-nothing electrical relays.

The text of this PAS is based on the following document:

This PAS was approved for publication by the P-members of the committee concerned as indicated in the following document:

| Draft PAS | Report on voting |
|---|---|
| 94/108/PAS | 94/109/RVD |

Following publication of this PAS, the technical committee or subcommittee concerned will investigate the possibility of transforming the PAS into an International Standard.

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# ELECTROMECHANICAL ALL-OR-NOTHING RELAYS –

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## 1 General

### 1.1 Scope

This part of IEC 61811 is a blank detail specification applicable to electromechanical all-or-nothing telecom relays of assessed quality. Relays according to this standard are provided for the operation in telecommunication applications. However, as electromechanical all-or-nothing relays they are also suitable for particular industrial and other applications.

This standard selects from IEC 61810-7 and other sources the appropriate methods of test to be used in detail specifications derived from this specification, and contains basic test schedules to be used in the preparation of such specifications in accordance with IEC 61811-1.

Detailed test schedules are contained in the detail specifications supplementary to this specification.

### 1.2 References

IEC 60068-1:1988, *Environmental testing – Part 1: General and guidance*
Amendment No. 1 (1992)

IEC 60068-2-17:1994, *Environmental testing – Part 2: Tests: Test Q: Sealing*

IEC 60068-2-20:1979, *Environmental testing – Part 2: Tests: Test T: Soldering*
Amendment No. 2 (1987)

IEC 60068-2-47:1982, *Environmental testing – Part 2: Tests: Test: Mounting of components, equipment and other articles for dynamic tests including shock (Ea), bump (Eb), vibration (Fc and Fd) and steady-state acceleration (Ga) and guidance*

IEC 60255-14:1981, *Electrical relays – Part 14: Endurance test for electrical relay contacts – Preferred values for contact loads*

IEC 60695-2-2:1991, *Fire hazard testing – Part 2: Test methods – Section 2: Needle-flame test*

IEC 61709:1996, *Electronic components – Reliability – Reference conditions for failure rates and stress models for conversion*

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 61811-50:1997, *Electromechanical all-or-nothing relays – Part 50: Sectional specification – Electromechanical all-or-nothing telecom relays of assessed quality*

QC 001002-1:1998, *IEC Quality Assessment System for Electronic Components (IECQ) – Rules of Procedure – Part 1: Administration*

QC 001002-2:1998, *IEC Quality Assessment System for Electronic Components (IECQ) – Rules of Procedure – Part 2: Documentation*

QC 001002-3:1998, *IEC Quality Assessment System for Electronic Components (IECQ) – Rules of Procedure – Part 3: Approval procedures*

QC 001005:1996, *Register of Firms, Products and Services approved under the IECQ System, including ISO 9000*

CECC 00802:1990, *Guidance document: CECC Standard method for the specification of surface mounting components (SMDs) of assessed quality*

(National authorized institutions will complete this clause by making reference to any documents or specifications directly referred to in their national equivalent of this standard.)