

Generic specification: Sockets for use with electrical relays of assessed quality

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 147000:2002 sisaldab Euroopa standardi EN 147000:1993 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 147000:2002 consists of the English text of the European standard EN 147000:1993.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This specification covers the general requirements for sockets used with plug in electrical relays of assessed quality.</p>	<p>Scope: This specification covers the general requirements for sockets used with plug in electrical relays of assessed quality.</p>
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ICS 29.120.70

Võtmesõnad: electronic components, quality, sockets

UDC

Descriptors: Quality, electronic components, sockets

English version

Generic specification:

Sockets for use with electrical relays of assessed quality

Spécification générique:

Supports pour relais sous
assurance de la qualité

Fachgrundspezifikation:

Gütebestätigte Fassungen
für die Verwendung mit
elektischen Schaltrelais

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 10 August 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

CENELEC Electronic Components Committee

Comité des Composants Electroniques du CENELEC

CENELEC- Komitee für Bauelemente der Elektronik

General Secretariat: Gartenstr. 179, 60596 Frankfurt am Main

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)2780 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3140, it was approved by CECC as EN 147 000 on 10 August 1992.

The following dates were fixed:

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|---|-------|-------------------|
| - latest date of announcement of the EN at national level | (doa) | 1993-02-11 |
| - latest date of publication of an identical national standard | (dop) | 1993-08-11 |
| - latest date of declaration of national standards obsolescence | | 1993-08-11 |
| - latest date of withdrawal of conflicting national standards | (dow) | 2003-02-11 |

CONTENTS

1. SCOPE
2. GENERAL
 - 2.1 Order of precedence
 - 2.2 Related documents
 - 2.3 Units, symbols and terminology
 - 2.4 Preferred values
 - 2.5 Marking
3. TERMS AND DEFINITIONS
 - 3.1 Terms relating to sockets
 - 3.2 Terms relating to contacts
 - 3.3 Electrical properties of contacts
 - 3.4 Terms relating to tools and accessories
4. QUALITY ASSESSMENT PROCEDURES
 - 4.1 Primary stage of manufacture
 - 4.2 Structurally similar components
 - 4.3 Qualification approval procedures
 - 4.4 Quality conformance inspection
 - 4.5 Division into groups
 - 4.6 Resubmission of rejected lots
 - 4.7 Certified test records
 - 4.8 Delivery of sockets submitted to tests
 - 4.9 Delayed delivery
 - 4.10 Supplementary procedure for deliveries
 - 4.11 Unchecked parameters
 - 4.12 Release for delivery before completion of Group B tests

5. TEST AND MEASUREMENT PROCEDURES

- 5.1 General
- 5.2 Alternative test methods
- 5.3 Precision of measurement
- 5.4 Requirements in detail specifications
- 5.5 Standard conditions for testing
- 5.6 Visual inspection and check of dimensions
- 5.7 Weighing
- 5.8 Insertion and withdrawal force
- 5.9 Mounting and fixture
- 5.10 Retention force of the socket contact
- 5.11 Contact retention into insulator body
- 5.12 Replacement of removable contacts
- 5.13 Wiring of crimping contacts
- 5.14 Dielectric strength test
- 5.15 Insulation resistance test
- 5.16 Contact circuit resistance
- 5.17 Shock
- 5.18 Bump
- 5.19 Vibration
- 5.20 Climatic sequence
- 5.21 Rapid change of temperature
- 5.22 Salt spray
- 5.23 Soldering
- 5.24 Resistance to cleaning solvents
- 5.25 Fluid contamination
- 5.26 Flammability test
- 5.27 Thermal endurance
- 5.28 Mechanical endurance
- 5.29 Electrical overload

1. SCOPE

This specification covers the general requirements for sockets used with plug in electrical relays of assessed quality.

2. GENERAL

2.1 Order of precedence

In the event of any conflict between documents, the order of precedence shall be :

- 1) the detail specification
- 2) the sectional specification
- 3) the generic specification
- 4) The Internal Regulations of the FEN e.V. , or any other international documents (for example of the IEC) to which reference is made.

The same order of precedence shall apply to equivalent national documents.

2.2 Related documents

Reference to the following documents is made in this specification.

ISO 1000 (1981)	SI units and recommendations for the use of their multiples and of certain other units.
IEC 27 - 1 (1971)	Letter symbols to be used in electrical technology. General. (Amendment 4, 1983)
IEC 50 --	International Electrotechnical Vocabulary.
IEC 60 --	High voltage test techniques.
IEC 68 - 1 (1988)	Environmental testing. Part 1 : General and guidance. (Amendment 1, 1992)
IEC 617 --	Graphical symbols for diagrams.
IEC 947 - 1 (1988)	Degrees of protection of enclosures for low-voltage switchgear and controlgear.
IEC 255 --	Electrical relays.
IEC 410 (1973)	Sampling plans and procedures for inspection by attributes. (See CECC 00 007, 1973)
IEC 443 (1974)	Stabilised supply apparatus for measurement.
CECC 00 109 (1974)	Certified test records.
CECC 00 114 --	Quality assessment procedures / Part II (1992): Qualification approval of electronic components.

SECRETARIAT'S NOTE : At the date of publication of this specification the publication state of IEC 60 and IEC 255 is :

IEC 60 - 1	(1988)	General definitions and test requirements.
IEC 60 - 2	(1973)	Test procedures.
IEC 60 - 3	(1976)	Measuring devices.
IEC 60 - 4	(1977)	Application guide for measuring devices.
IEC 255 - 0 - 20	(1974)	Contact performance of electrical relays.
IEC 255 - 1 - 00	(1975)	All-or-nothing electrical relays.
IEC 255 - 3	(1989)	Single input energizing quantity measuring relays with non-specified time or with independent specified time.
IEC 255 - 5	(1977)	Insulation tests for electrical relays.
IEC 255 - 6	(1978)	Measuring relays with more than one input energizing quantity.
IEC 255 - 7	(1991)	Test and measurement procedures for electromechanical all-or nothing relays.

2.3 Units, symbols and terminology

Units, graphical symbols, letter symbols and terminology shall, whenever possible, be taken from the following documents :

ISO 1000	SI units and recommendations for the use of their multiples and of certain other units.
IEC 27 - 1	Letter symbols to be used in electrical technology , Part 1 : General.
IEC 50	International Electrotechnical Vocabulary.
IEC 617	Graphical symbols for diagrams.

2.4 Preferred values

The stated values in the detail specification shall be chosen, as far as possible, from the preferred values of the relevant part of IEC 255.

2.5 Marking

The sectional or detail specification shall indicate the identification criteria and other information to be shown on the socket and /or packing. The letter or colour code shall be described in full or reference made to the appropriate specifications. The order of priority for marking small sockets shall be specified.