

SLOVENSKI STANDARD
SIST EN 60669-2-2:2007**01-januar-2007****BUXca Yý U****SIST EN 60669-2-2:1997****SIST EN 60669-2-2:1997/A1:1999**

Gh_UUnU[cgdcX]b^ghj U]b^dcXcVbY^bYdfYa] bY^Y^_fj] bY]býHJUV^Y!^&!^"XY.
DcgYVbYnU hYj Y!^9^Y_fca U] bYfbUghj_UUn^XU^]bg_]a`_fa]^Yb^Ya`fF7GLf97
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Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS) (IEC 60669- 2-2:2006)

Schalter für Haushalt und ähnliche ortsfeste elektrische Installationen - Teil 2-2: Besondere Anforderungen - Fernschalter (IEC 60669- 2-2:2006)

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Interrupteurs pour installations électriques fixes domestiques et analogues - Partie 2-2: Prescriptions particulières - Interrupteurs à commande électromagnétique à distance (télérupteurs) (CEI 60669- 2-2:2006)

Ta slovenski standard je istoveten z: EN 60669-2-2:2006

ICS:

29.120.40	Stikala	Switches
33.200	Daljinsko krmiljenje, daljinske meritve (telemetrija)	Telecontrol. Telemetry

SIST EN 60669-2-2:2007**en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60669-2-2

September 2006

ICS 29.120.40

Supersedes EN 60669-2-2:1997 + A1:1997

English version

**Switches for household and similar fixed electrical installations
Part 2-2: Particular requirements -
Electromagnetic remote-control switches (RCS)
(IEC 60669-2-2:2006)**

Interrupteurs pour installations électriques
fixes domestiques et analogues
Partie 2-2: Prescriptions particulières -
Interrupteurs à commande
électromagnétique à distance
(télérupteurs)
(CEI 60669-2-2:2006)

Schalter für Haushalt und ähnliche
ortsfeste elektrische Installationen
Teil 2-2: Besondere Anforderungen -
Fernschalter
(IEC 60669-2-2:2006)

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This European Standard was approved by CENELEC on 2006-09-01. CENELEC members are bound to comply with the 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 23B/825/FDIS, future edition 3 of IEC 60669-2-2, prepared by SC 23B, Plugs, socket-outlets and switches, of IEC TC 23, Electrical accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60669-2-2 on 2006-09-01.

This European Standard supersedes EN 60669-2-2:1997 + A1:1997.

It includes the following significant technical changes with respect to EN 60669-2-2:1997:

- clarification of the scope to exclude electronic RCS (to be covered by EN 60669-2-1);
- introduction of symbols under Clause 8;
- introduction of requirements for SELV/PELV.

This part of EN 60669 is to be used in conjunction with EN 60669-1:1999. It lists the changes necessary to convert that standard into a specific standard for electromagnetic remote-control switches.

In this publication, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- notes: in smaller roman type.

Subclauses, figures or tables which are additional to those in Part 1 are numbered starting from 101.

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2007-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2009-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60669-2-2:2006 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60085	2004	Electrical insulation - Thermal classification	EN 60085	2004
IEC 60317	Series	Specifications for particular types of winding wires	EN 60317	Series
IEC 60445	1999	Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumeric system	EN 60445	2000
IEC 60669-2-1 (mod)	2002	Switches for household and similar fixed electrical installations Part 2-1: Particular requirements - Electronic switches	EN 60669-2-1	2004
IEC 61140	2001 ¹⁾	Protection against electric shock - Common aspects for installation and equipment	EN 61140	2002 ²⁾
IEC 61558-2-6	1997	Safety of power transformers, power supply units and similar Part 2-6: Particular requirements for safety isolating transformers for general use	EN 61558-2-6	1997

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60669-2-2

Troisième édition
Third edition
2006-08

**Interrupteurs pour installations électriques
fixes domestiques et analogues –**

**Partie 2-2:
Exigences particulières –
Interrupteurs à commande à distance
(télérupteurs)**

**Switches for household and similar
fixed electrical installations –**

**Part 2-2:
Particular requirements –
Electromagnetic remote-control switches
(RCS)**

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International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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Pour prix, voir catalogue en vigueur
For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED
ELECTRICAL INSTALLATIONS –**
**Part 2-2: Particular requirements –
Electromagnetic remote-control switches (RCS)**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. 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 60669-2-2 has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

This third edition cancels and replaces the second edition published in 1996 and amendment 1 (1997) of which it constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- clarification of the scope to exclude electronic RCS (to be covered by IEC 60669-2-1);
- introduction of symbols under Clause 8;
- introduction of requirements for SELV/PELV.

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

FDIS	Report on voting
23B/825/FDIS	23B/839/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.

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

This part of IEC 60669 is to be used in conjunction with IEC 60669-1. It lists the changes necessary to convert that standard into a specific standard for electromagnetic remote-control switches.

In this publication, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- notes: in smaller roman type.

Subclauses, figures or tables which are additional to those in part 1 are numbered starting from 101.

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A list of all parts of IEC 60669 series, under the general title *Switches for household and similar fixed-electrical installations*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED ELECTRICAL INSTALLATIONS –

Part 2-2: Particular requirements – Electromagnetic remote-control switches (RCS)

1 Scope

This clause of part 1 is applicable except as follows:

Replacement of the first sentence:

This part of IEC 60669 applies to electromagnetic remote-control switches (hereinafter referred to as RCS) with a rated voltage not exceeding 440 V and a rated current not exceeding 63 A, intended for household and similar fixed electrical installations, either indoors or outdoors.

The RCS coil may or may not be permanently energized.

Electronic RCS are within the scope of IEC 60669-2-1.

RCS including only passive components such as resistors, capacitors, PTC and NTC components and printed wiring boards are not considered to be electronic RCS.

Contactors are not covered by this standard.

2 Normative references

This clause of part 1 is applicable with the following additions:

IEC 60085:2004, *Electrical insulation - Thermal classification*

IEC 60317, *Specifications for particular types of winding wires*

IEC 60445:1999, *Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumeric system*

IEC 60669-2-1:2002, *Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches*

IEC 61140, *Protection against electric shock – Common aspects for installation and equipment*

IEC 61558-2-6:1997 *Safety of power transformers, power supply units and similar – Part 2-6: Particular requirements for safety isolating transformers for general use*