

Switches for household and similar fixed electrical installations —

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

The European Standard EN 60669-2-2:2006 has the status of a
British Standard

ICS 29.120.40

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 60669-2-2:2006. It is identical with IEC 60669-2-2:2006. It supersedes BS EN 60669-2-2:1998, which will be withdrawn on 1 September 2009.

The UK participation in its preparation was entrusted to Technical Committee PEL/23, Electrical accessories.

A list of organizations represented on PEL/23 can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2006

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ISBN 0 580 49646 5

Amendments issued since publication

Amd. No.	Date	Comments

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
orts feste elektrische Installationen
Teil 2-2: Besondere Anforderungen -
Fernschalter
(IEC 60669-2-2:2006)

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.

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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*