

<b>STN</b>	<b>Spínače pre elektrické inštalácie v domácnostiach a podobné pevné elektrické inštalácie</b> <b>Časť 2-2: Osobitné požiadavky</b> <b>Spínače s elektromagnetickým diaľkovým ovládaním (RCS)</b>	<b>STN</b> <b>EN IEC 60669-2-2</b>  35 4106
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Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

Obsahuje: EN IEC 60669-2-2:2025, IEC 60669-2-2:2024

Oznámením tejto normy sa od 31.10.2028 ruší  
STN EN 60669-2-2 (35 4106) z apríla 2007

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v znení neskorších predpisov.

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60669-2-2**

October 2025

ICS 29.120.40

Supersedes EN 60669-2-2:2006

English Version

**Switches for household and similar fixed electrical installations -  
Part 2-2: Particular requirements - Electromagnetic remote-  
control switches (RCS)  
(IEC 60669-2-2:2024)**

Interrupteurs pour installations électriques fixes  
domestiques et analogues - Partie 2-2: Exigences  
particulières - Interrupteurs à commande à distance  
(télérupteurs)  
(IEC 60669-2-2:2024)

Schalter für Haushalt und ähnliche ortsfeste elektrische  
Installationen - Teil 2-2: Besondere Anforderungen -  
Fernschalter  
(IEC 60669-2-2:2024)

This European Standard was approved by CENELEC on 2024-10-16. 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.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 60669-2-2:2025 (E)****European foreword**

The text of document 23B/1486/FDIS, future edition 4 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 approved by CENELEC as EN IEC 60669-2-2:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-10-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-10-31

This document supersedes EN 60669-2-2:2006 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document is read in conjunction with EN 60669-1:2018.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**Endorsement notice**

The text of the International Standard IEC 60669-2-2:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61140:2016 NOTE Approved as EN 61140:2016 (not modified)

IEC 60364-4-41:2005 NOTE Approved as HD 60364-4-41:2017 + A11:2017

IEC 60669-2-1:2021 NOTE Approved as EN IEC 60669-2-1:2022 (not modified) + A11:2022

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cencenelec.eu](http://www.cencenelec.eu).

*Annex ZA of EN 60669-1:2018 is applicable except as follows.*

*Addition:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60085	2007	Electrical insulation - Thermal evaluation and designation	EN 60085	2008
IEC 60317	series	Specifications for particular types of winding wires	EN 60317	series
IEC 60445	2021	Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors	EN IEC 60445	2021
IEC 60664-1	2020	Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	2020
IEC 60664-3	2016	Insulation coordination for equipment within low-voltage systems - Part 3: Use of coating, potting or moulding for protection against pollution	EN 60664-3	2017
IEC 60669-1 (mod)	2017	Switches for household and similar fixed-electrical installations - Part 1: General requirements	EN 60669-1	2018
-	-		+ AC	2018-11
IEC 61558-2-6	2021	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers for general applications	EN IEC 61558-2-6	2025



IEC 60669-2-2

Edition 4.0 2024-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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

**Interrupteurs pour installations électriques fixes domestiques et analogues –  
Partie 2-2: Exigences particulières – Interrupteurs à commande à distance  
(télérupteurs)**



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IEC 60669-2-2

Edition 4.0 2024-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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

**Interrupteurs pour installations électriques fixes domestiques et analogues –  
Partie 2-2: Exigences particulières – Interrupteurs à commande à distance  
(télérupteurs)**

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ELECTROTECHNICAL  
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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

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IEC 60669-2-2 has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2006. This edition constitutes a technical revision.

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

- a) Revision of the present edition with reference to IEC 60669-1:2017 (Edition 4);
- b) Introduction of a revision to Annex E "Additional requirements and tests for switches intended to be used at a temperature lower than  $-5\text{ °C}$ ".

The text of this International Standard is based on the following documents:

Draft	Report on voting
23B/1486/FDIS	23B/1500/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

This part of IEC 60669 is to be used in conjunction with IEC 60669-1:2017. It lists the changes necessary to convert that standard into a specific standard for electromagnetic remote-control switches.

When a particular subclause of IEC 60669-1:2017 is not mentioned in this document, that subclause applies as far as reasonable.

In this document, 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 or notes which are additional to those in IEC 60669-1:2017 are numbered starting from 101.

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 document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

## SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED ELECTRICAL INSTALLATIONS –

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

#### 1 Scope

IEC 60669-1:2017, Clause 1 is applicable except as follows:

*Replacement of the first paragraph with the following:*

This part of IEC 60669 applies to electromagnetic remote control switches (hereinafter referred to as electromagnetic RCS) with a rated voltage not exceeding 440 V AC and a rated current not exceeding 63 A, intended for household and similar fixed electrical installations, either indoors or outdoors. For the control circuit, the rated control voltage does not exceed 440 V AC or 220 V DC.

The RCS coil can be either permanently energized or not permanently energized.

Electronic RCS are within the scope of IEC 60669-2-1 but not of this document.

RCS including only passive components such as resistors, capacitors, positive temperature coefficient (PTC) and negative temperature coefficient (NTC) components and printed circuit boards are not considered to be electronic RCS.

Electromechanical contactors for household and similar purposes are within the scope of IEC 61095.

#### 2 Normative references

IEC 60669-1:2017, Clause 2 is applicable with the following additions:

IEC 60085:2007, *Electrical insulation – Thermal evaluation and designation*

IEC 60317 (all parts), *Specifications for particular types of winding wires*

IEC 60445:2021, *Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors*

IEC 60664-1:2020, *Insulation coordination for equipment within low-voltage systems – Part 1: Principles, requirements and tests*

IEC 60664-3:2016, *Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution*

IEC 60669-1:2017, *Switches for household and similar fixed electrical installations – Part 1: General requirements*

IEC 61558-2-6:2021, *Safety of transformers, reactors, power supply units and combinations thereof – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers for general applications*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**