



SLOVENSKI STANDARD

SIST EN IEC 62849:2026

01-marec-2026

Nadomešča:
SIST EN 62849:2017

Metode vrednotenja učinkovitosti robotov za gospodinjsko in podobno uporabo (IEC 62849:2025)

Performance evaluation methods of robots for household and similar use (IEC 62849:2025)

Verfahren zur Bewertung der Leistungsfähigkeit von Robotern für den Hausgebrauch und ähnliche Zwecke (IEC 62849:2025)

Méthodes d'évaluation de l'aptitude à la fonction des robots mobiles à usage domestique (IEC 62849:2025)

Ta slovenski standard je istoveten z: EN IEC 62849:2026

<https://standards.iteh.ai/catalog/standards/sist/0c119004-3a5d-40d8-b45b-5f6b6edd28ae/sist-en-iec-62849-2026>

ICS:

97.030	Električni aparati za dom na splošno	Domestic electrical appliances in general
--------	--------------------------------------	-------------------------------------------

SIST EN IEC 62849:2026

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62849

January 2026

ICS 97.030

Supersedes EN 62849:2016

English Version

**Performance evaluation methods of robots for household and
similar use
(IEC 62849:2025)**

Méthodes d'évaluation de l'aptitude à la fonction des robots
à usage domestique et analogue
(IEC 62849:2025)

Verfahren zur Bewertung der Leistungsfähigkeit von
Robotern für den Hausgebrauch und ähnliche Zwecke
(IEC 62849:2025)

This European Standard was approved by CENELEC on 2025-12-29. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

SIST EN IEC 62849:2026

<https://standards.iteh.ai/catalog/standards/sist/0c119004-3a5d-40d8-b45b-5f6b6edd28ae/sist-en-iec-62849-2026>



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 62849:2026 (E)**European foreword**

The text of document 59/857/FDIS, future edition 2 of IEC 62849, prepared by TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62849:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-01-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-01-31 document have to be withdrawn

This document supersedes EN 62849:2016 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.

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

(<https://standards.iteh.ai>)

The text of the International Standard IEC 62849:2025 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:

ISO 2813 NOTE Approved as EN ISO 2813

ISO 13482:2014 NOTE Approved as EN ISO 13482:2014 (not modified)

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/TS 61496-4-3	-	Safety of machinery - Electro-sensitive protective equipment - Part 4-3: Particular requirements for equipment using vision based protective devices (VBPD) - Additional requirements when using stereo vision techniques (VBPDST)	-	-
IEC/TS 62885-1	-	Surface cleaning appliances - Part 1: General requirements on test material and test equipment	-	-
IEC/ASTM 62885-7	2020	Surface cleaning appliances - Part 7: Dry-cleaning robots for household or similar use - Methods for measuring the performance	EN IEC/ASTM 62885-7	2021
+ AMD1	2022		+ A1	2023
ISO 554	-	Standard atmospheres for conditioning and/or testing - Specifications	-	-
ISO 2768-1	1989	General tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications	EN 22768-1	1993
ISO 13856-3	-	Safety of machinery - Pressure-sensitive protective devices - Part 3: General principles for design and testing of pressure-sensitive bumpers, plates, wires and similar devices	EN ISO 13856-3	-



IEC 62849

Edition 2.0 2025-11

INTERNATIONAL STANDARD

Performance evaluation methods of robots for household and similar use

**(<https://standards.iteh.ai>)
Document Preview**

[SIST EN IEC 62849:2026](https://standards.iteh.ai/catalog/standards/sist/0c119004-3a5d-40d8-b45b-5f6b6edd28ae/sist-en-iec-62849-2026)

<https://standards.iteh.ai/catalog/standards/sist/0c119004-3a5d-40d8-b45b-5f6b6edd28ae/sist-en-iec-62849-2026>