SLOVENSKI STANDARD
SIST EN IEC 62820-1-1:2026

01-julij-2026

Nadomešča:
SIST EN 62820-1-1:2017
SIST EN 62820-1-1:2017/A11:2022

Notranja komunikacija v stavbah - 1-1. del: Sistemske zahteve - Splošno (IEC 62820-1-1:2026)

Building intercom systems - Part 1-1: System requirements - General (IEC 62820-1-1:2026)

Gebäude-Sprechanlagen - Teil 1-1: Generelle Systemanaforderungen (IEC 62820-1-1:2026)

Systèmes d'interphone de bâtiment - Partie 1-1: Exigences du système - Généralités (IEC 62820-1-1:2026)

Ta slovenski standard je istoveten z: **EN IEC 62820-1-1:2026**

ICS:

35.240.67	Uporabniške rešitve IT v gradbeništvu	IT applications in building and construction industry
97.120	Avtomatske krmilne naprave za dom	Automatic controls for household use

SIST EN IEC 62820-1-1:2026 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62820-1-1

May 2026

ICS 13.320

Supersedes EN 62820-1-1:2016; EN 62820-1-1:2016/A11:2021

English Version

Building intercom systems - Part 1-1: System requirements - General (IEC 62820-1-1:2026)

Systèmes d'interphone de bâtiment - Partie 1-1: Exigences du système - Généralités (IEC 62820-1-1:2026)

Gebäude-Sprechanlagen - Teil 1-1: Generelle Systemanaforderungen (IEC 62820-1-1:2026)

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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.

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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

Ref. No. EN IEC 62820-1-1:2026 E

European foreword

The text of document 79/738/FDIS, future edition 2 of IEC 62820-1-1, prepared by TC 79 "Alarm and electronic security systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62820-1-1:2026.

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) 2027-05-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2029-05-31

This document supersedes EN 62820-1-1:2016 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.

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Endorsement notice

The text of the International Standard IEC 62820-1-1:2026 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62676-4:2025	NOTE	Approved as EN IEC 62676-4:2025 (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.

Publication	Year	Title	EN/HD	Year
IEC 60065	2014	Audio, video and similar electronic apparatus - Safety requirements	-	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
-	-		+ corrigendum May	1993
+ A1	1999		+ A1	2000
+ A2	2013		+ A2	2013
IEC 60950-1	2005	Information technology equipment - Safety - Part 1: General requirements	-	-
IEC 61000-6-1	-	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments	EN IEC 61000-6-1	-
IEC 61000-6-3	-	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential locations	-	-
IEC 61000-6-8	-	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards - Emission standard for professional equipment in commercial and light-industrial locations	EN IEC 61000-6-8	-
IEC 62262	-	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	EN 62262	-
IEC 62368-1	2023	Audio/video, information and communication technology equipment - Part 1: Safety requirements	EN IEC 62368-1	2024
IEC 62599-1	-	Alarm systems - Part 1: Environmental test methods	-	-

IEC 62599-2	-	Alarm systems - Part 2: Electromagnetic compatibility - Immunity requirements for components of fire and security alarm systems	-	-
ISO 12233	2024	Photography - Electronic still picture imaging - Resolution and spatial frequency responses	-	-
ITU-T P.50	-	Artificial voices	-	-
ITU-T P.79	2007	Calculation of loudness ratings for telephone sets	-	-
ITU-T P.501	-	Test signals for use in telephonometry	-	-

IEC 62820-1-1

Edition 2.0 2026-03

INTERNATIONAL STANDARD

Building intercom systems -
Part 1-1: System requirements - General

ICS 13.320

ISBN 978-2-8327-1122-4

IEC 62820-1-1:2026-03(en)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Building intercom systems - Part 1-1: System requirements - General

FOREWORD

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IEC 62820-1-1 has been prepared by IEC technical committee 79: Alarm and electronic security systems. It is an International Standard.

This second edition cancels and replaces the first edition published in 2016. This edition constitutes a technical revision.

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

a) addition of IEC 61000-6-8 and IEC 62368-1:2023 as normative references;
b) update of ISO 12233 to the latest version and addition of this reference as a normative reference;
c) modification of the light source colour temperature from 3 100 K ± 100 K to 6 500 K ± 100 K;
d) addition of TE84 test chart and update of the focus test chart.

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

Draft	Report on voting
79/738/FDIS	79/741/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. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 62820 series, published under the general title *Building intercom systems*, 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 in the data related to the specific document. At this date, the document will be

– reconfirmed,
– withdrawn, or
– revised.