



SLOVENSKI STANDARD
SIST EN 62080:2010/A2:2015
01-december-2015

Zvočne signalizacijske naprave za gospodinjstva in podobne namene (IEC 62080:2001/A2:2015)

Sound signalling devices for household and similar purposes (IEC 62080:2001/A2:2015)

Akustische Signalgeber für den Haushalt und ähnliche Zwecke (IEC 62080:2001/A2:2015)

Dispositifs de signalisation sonore pour usage domestique et analogue (IEC 62080:2001/A2:2015)

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[SIST EN 62080:2010/A2:2015](https://standards.iteh.ai/catalog/standards/sist/87bf4fb-c4ad-4f06-94ef-1044451c466c/sist-en-62080-2010-a2-2015)

Ta slovenski standard je istoveten z: EN 62080:2009/A2:2015

ICS:

29.120.99	Druga električna dodatna oprema	Other electrical accessories
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SIST EN 62080:2010/A2:2015 **en,fr,de**

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EUROPEAN STANDARD

EN 62080:2009/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2015

ICS 29.120

English Version

**Sound signalling devices for household and similar purposes
(IEC 62080:2001/A2:2015)**

Dispositifs de signalisation sonore pour usage domestique
et analogues
(IEC 62080:2001/A2:2015)

Akustische Signalgeber für den Haushalt und ähnliche
Zwecke
(IEC 62080:2001/A2:2015)

This amendment A2 modifies the European Standard EN 62080:2009; it was approved by CENELEC on 2015-05-22. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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: Avenue Marnix 17, B-1000 Brussels

EN 62080:2009/A2:2015**European foreword**

The text of document 23/705/FDIS, future edition 1 of IEC 62080:2009/A2, prepared by IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62080:2009/A2:2015.

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) 2016-02-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-05-22

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Endorsement notice

The text of the International Standard IEC 62080:2009/A2:2015 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Sound signalling devices for household and similar purposes

Dispositifs de signalisation sonore pour usage domestique et analogue

[SIST EN 62080:2010/A2:2015](https://standards.iteh.ai/catalog/standards/sist/87bf4fbb-c4ad-4f06-94ef-104445fe468c/sist-en-62080-2010-a2-2015)

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FOREWORD

This amendment has been prepared by IEC technical committee 23:Electrical accessories.

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

FDIS	Report on voting
23/705/FDIS	23/711/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website 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.

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Table B.1 – Tests requirements and levels according to the family of the device

Replace the existing Table B.1, modified by Amendment 1, by the following new Table B.1.

Table B.1 – Tests requirements and levels according to the family of the device (1 of 5)

Family	Type of test		Test Yes or No	Standard reference proposed	Level	Performance criteria
Family 1 Solenoid without contact breaker	IMMUNITY	Conducted common mode R _F disturbance	NO	IEC 61000-4-6	–	–
		Voltage dips and short interruptions	NO	IEC 61000-4-11	–	–
		Withstand to 1,2/50 µs wave impulse (surge)	NO	IEC 61000-4-5	–	–
		Electrical fast transient test (burst)	NO	IEC 61000-4-4	–	–
		Electrostatic discharge test	NO	IEC 61000-4-2	–	–
		Radiated electromagnetic field test	NO	IEC 61000-4-3	–	–
	EMISSION	Conducted emission	NO	CISPR 14-1	–	–
		Radiated emission	NO	CISPR 14-1	–	–
		Harmonics	YES ^j	IEC 61000-3-2	–	–
		Flickers	NO ^a	IEC 61000-3-3	–	–
Family 2 Solenoid with contact breaker	IMMUNITY	Conducted common mode R _F disturbance	NO	IEC 61000-4-6	–	–
		Voltage dips and short interruptions	NO	IEC 61000-4-11	–	–
		Withstand to 1,2/50 µs wave impulse (surge)	NO	IEC 61000-4-5	–	–
		Electrical fast transient test (burst)	NO	IEC 61000-4-4	–	–
		Electrostatic discharge test	NO	IEC 61000-4-2	–	–
		Radiated electromagnetic field test	NO	IEC 61000-4-3	–	–
	EMISSION	Conducted emission	YES ^b	CISPR 14-1	Table 1 of CISPR 14-1	–
		Radiated emission	YES ^b	CISPR 14-1	Table 2 of CISPR 14-1	–
		Harmonics	YES ^j	IEC 61000-3-2	–	–
		Flickers	NO ^a	IEC 61000-3-3	–	–

Table B.1 (2 of 5)

Family	Type of test		Test Yes or No	Standard reference proposed	Level	Performance criteria
Family 3 Motor operated (with brushes)	IMMUNITY	Conducted common mode R _F disturbance	NO	IEC 61000-4-6	–	–
		Voltage dips and short interruptions	NO	IEC 61000-4-11	–	–
		Withstand to 1,2/50 μs wave impulse (surge)	NO	IEC 61000-4-5	–	–
		Electrical fast transient test (burst)	NO	IEC 61000-4-4	–	–
		Electrostatic discharge test	NO	IEC 61000-4-2	–	–
		Radiated electromagnetic field test	NO	IEC 61000-4-3	–	–
	EMISSION	Conducted emission	YES ^b	CISPR 14-1	Table 1 of CISPR 14-1	–
		Radiated emission	YES ^b	CISPR 14-1	Table 2 of CISPR 14-1	–
		Harmonics	YES ^j	IEC 61000-3-2	–	–
		Flickers	NO ^a	IEC 61000-3-3	–	–
Family 4 Motor operated (Brush-less)	IMMUNITY	Conducted common mode R _F disturbance	NO	IEC 61000-4-6	–	–
		Voltage dips and short interruptions	NO	IEC 61000-4-11	–	–
		Withstand to 1,2/50 μs wave impulse (surge)	NO	IEC 61000-4-5	–	–
		Electrical fast transient test (burst)	NO	IEC 61000-4-4	–	–
		Electrostatic discharge test	NO	IEC 61000-4-2	–	–
		Radiated electromagnetic field test	NO	IEC 61000-4-3	–	–
	EMISSION ^c	Conducted emission	NO	CISPR 14-1	–	–
		Radiated emission	NO	CISPR 14-1	–	–
		Harmonics	YES ^j	IEC 61000-3-2	–	–
		Flickers	NO ^a	IEC 61000-3-3	–	–

Table B.1 (3 of 5)

Family	Type of test	Test Yes or No	Standard reference proposed	Level	Performance criteria	
Family 5 Electronics, battery permanently powered	IMMUNITY	Conducted common mode R _F disturbance	NO	IEC 61000-4-6	–	–
		Voltage dips and short interruptions	NO	IEC 61000-4-11	–	–
		Withstand to 1,2/50 µs wave impulse (surge)	NO	IEC 61000-4-5	–	–
		Electrical fast transient test (burst)	NO	IEC 61000-4-4	–	–
		Electrostatic discharge test	YES	IEC 61000-4-2	8 kV air 4 kV contact	B
		Radiated electromagnetic field test	YES	IEC 61000-4-3	3 V/m	A
	EMISSION	Conducted emission	YES	CISPR 14-1		–
		Radiated emission	YES ^d	CISPR 14-1	Table 2 of CISPR 14-1	–
		Harmonics	YES ^j	IEC 61000-3-2	–	–
		Flickers	NO ^a	IEC 61000-3-3	–	–
Family 6 Electronics, battery temporarily powered	IMMUNITY	Conducted common mode R _F disturbance	NO	IEC 61000-4-6	–	–
		Voltage dips and short interruptions	NO	IEC 61000-4-11	–	–
		Withstand to 1,2/50 µs wave impulse (surge)	NO	IEC 61000-4-5	–	–
		Electrical fast transient test (burst)	NO	IEC 61000-4-4	–	–
		Electrostatic discharge test	YES	IEC 61000-4-2	8 kV air 4 kV contact	B
		Radiated electromagnetic field test	YES	IEC 61000-4-3	3 V/m	A
	EMISSION	Conducted emission	YES	CISPR 14-1		–
		Radiated emission	YES ^e	CISPR 14-1	Table 2 of CISPR 14-1	–
		Harmonics	YES ^j	IEC 61000-3-2	–	–
		Flickers	NO ^a	IEC 61000-3-3	–	–