

**Elektrilised abiseadmed. Rikkevoolunäiturid
kodumajapidamis- ja muuks taoliseks
kasutamiseks**

Electrical accessories - Residual current monitors
for household and similar uses (RCMs)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 62020:2001 sisaldab Euroopa standardi EN 62020:1998 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 12.07.2001 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 62020:2001 consists of the English text of the European standard EN 62020:1998.

This standard is ratified with the order of Estonian Centre for Standardisation dated 12.07.2001 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 29.120.50

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Descriptors: Electrical household accessory, low-voltage equipment, residual current monitor, definition, characteristics, construction, tests

English version

**Electrical accessories
Residual current monitors for household
and similar uses (RCMs)
(IEC 62020:1998)**

Petit appareillage électrique
Contrôleurs d'isolement à courant
différentiel résiduel (RCM) pour usages
domestiques et analogues
(CEI 62020:1998)

Elektrisches Installationsmaterial
Differenzstrom-Überwachungsgeräte
für Hausinstallationen und ähnliche
Verwendungen (RCMs)
(IEC 62020:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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 23E/337/FDIS, future edition 1 of IEC 62020, prepared by SC 23E, Circuit-breakers and similar equipment for household use, of IEC TC 23, Electrical accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62020 on 1998-10-01.

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) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.

In this standard, annex ZA is normative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62020:1998 was approved by CENELEC as a European Standard without any modification.

This document is a preview

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60038 (mod)	1983	IEC Standard voltages	HD 472 S1 ¹⁾	1989
IEC 60050(101)	1998	International Electrotechnical Vocabulary (IEV) Part 101: Mathematics	-	-
IEC 60050(151)	1978	Chapter 151: Electrical and magnetic devices	-	-
IEC 60050(441)	1984	Chapter 441: Switchgear, controlgear and fuses	-	-
IEC 60051	series	Direct acting indicating analogue electrical measuring instruments and their accessories	EN 60051	series
IEC 60068-2-28	1980	Environmental testing Part 2: Tests - Guidance for damp heat tests	HD 323.2.28 S1	1988
IEC 60068-2-30 + A1	1980 1985	Part 2: Tests - Test Db and guidance: Damp heat, cyclic (12 + 12 hour cycle)	HD 323.2.30 S3	1988
IEC 60364-4-443	1995	Electrical installations of buildings Part 4: Protection for safety Chapter 44: Protection against overvoltages Section 443: Protection against overvoltages of atmospheric origin or due to switching	-	-
IEC 60364-5-53	1994	Part 5: Selection and erection of electrical equipment -- Chapter 53: Switchgear and controlgear	-	-
IEC 60417-2	1998	Graphical symbols for use on equipment Part 2: Symbol originals	-	-

1) The title of HD 472 S1 is: *Nominal voltages of low voltage public electricity supply systems.*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
IEC 60664-1 (mod)	1992	Insulation coordination for equipment within low-voltage systems Part 1: Principles, requirements and tests	HD 625.1 S1 + corr. November	1996 1996
IEC 60695-2-1/0	1994	Fire hazard testing Part 2: Test methods Section 1/sheet 0: Glow-wire test methods General	EN 60695-2-1/0	1996
IEC 60755	1983	General requirements for residual current operated protective devices	-	-
IEC 61008-1	1996 ²⁾	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) Part 1: General rules	-	-
IEC 61543	1995	Residual current-operated protective devices (RCDs) for household and similar use Electromagnetic compatibility	EN 61543	1995
IEC 61557-8	1997	Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. Equipment for testing, measuring or monitoring of protective measures Part 8: Insulation monitoring devices for IT systems	EN 61557-8	1997
ISO/IEC Guide 2	1991	General terms and their definitions concerning standardization and related activities	EN 45020 ³⁾	1993

2) The European Standard EN 61008-1:1994 (IEC 61008-1:1990 + A1:1992, mod.) + corrigendum December 1997 + A2:1995 (IEC/A2:1995) + A11:1995 + A12:1998 + corrigendum April 1998 + A13:1998 + A14:1998 applies.

3) EN 45020 is superseded by EN 45020:1998 which is based on ISO/IEC Guide 2:1996.