

SLOVENSKI STANDARD SIST EN 60335-2-24:1995

01-marec-1995

Varnost električnih gospodinjskih in podobnih aparatov - 2. del: Posebne zahteve za hladilnike, zamrzovalnike in aparate za pripravo ledu (IEC 335-2-24:1992, spremenjen)

Safety of household and similar electrical appliances -- Part 2: Particular requirements for refrigerators, food-freezers and ice-makers

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2: Besondere Anforderungen für Kühl- und Gefriergeräte und Eisbereiter (standards.iteh.ai)

Sécurité des appareils électrodomestiques et analogues -- Partie 2: Règles particulières pour les réfrigérateurs, les congélateurs et les fabriques de glace_{6-84b0-}

e2b3fffda879/sist-en-60335-2-24-1995

Ta slovenski standard je istoveten z: EN 60335-2-24:1994

ICS:

13.120 Varnost na domu Domestic safety

97.040.30 Hladilni aparati za dom Domestic refrigerating

appliances

SIST EN 60335-2-24:1995 en

SIST EN 60335-2-24:1995

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<u>SIST EN 60335-2-24:1995</u> https://standards.iteh.ai/catalog/standards/sist/7111e1ef-07a5-4766-84b0-e2b3fffda879/sist-en-60335-2-24-1995

May 1994

UDC 641.546.4:64.06-83:614.8

Supersedes EN 60335-2-24:1989

Descriptors: Household electrical appliances, refrigerators, food freezers, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

English version

Safety of household and similar electrical appliances Part 2: Particular requirements for refrigerators food freezers and ice-makers (IEC 335-2-24:1992, modified)

Sécurité des appareils
électrodomestiques
et analogues

Sicherheit elektrischer
Geräte für den Hausgebrauch
und ähnliche Twecker et analogues

und ähnliche Zwecke 💍 Deuxième partie:

Règles particulières pour les
réfrigérateurs, les congélateurs
et les fabriques de glace
(CEI 335-2-24:1992, modifiée)

Teil 2:
Besondere Anforderungen für
Kühl- und Gefriergeräte
und Eisbereiter
(IEC 335-2-24:1992, modifiziert)

This European Standard was approved by CENELEC on 8 March 1994. 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, 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

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FOREWORD

The proposal to endorse the third edition of IEC 335-2-24, document CLC TC 61 (SEC) 825, was circulated under the enquiry procedure in February 1992. This proposal was discussed during the Pettenasco meeting in September 1992, when it was decided to submit a draft for EN 60335-2-24 to the voting procedure.

This draft was circulated in August 1993 and was ratified by CENELEC as EN 60335-2-24 on 8 March 1994.

This European Standard has been prepared by the secretariat of CENELEC Technical Committee TC 61.

The following dates are applicable:

- latest date of publication of an identical national standard
- (dop) 1995-01-01
- date of withdrawal of conflicting national standards
- (dow) 1997-01-01

For products which have complied with EN 60335-2-24 1989 before 1997-01-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2002-01-01.

This standard has to be used in conjunction with EN 60335-1:1988, Safety of household and similar electrical appliances, Part 1: General requirements, including its amendments A2:1988, A5:1989, A6:1989, A51:1991, A52:1992, A53:1992, A54:1992 and A55:1993.

Where a particular subclause of Part 1 is not mentioned in this Part 2, that subclause applies as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

Subclauses and figures which are in addition to those in Part 1 are numbered starting with 101; additional appendices are lettered AA, BB, etc.

Special national conditions (snc) causing a deviation from this European Standard are listed in annex ZX and are in addition to those in EN 60335-1.

There are no national deviations from this European Standard other than those listed in annex ZY to EN 60335-1.

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EN 61058-1 1992 Switches for appliances - Part 1: General requirements
    HD 277 S1
                1985 Safety of household and similar efectrical appliances
                       Part 2: Particular requirements for motor-compressors
*
    The following print types are used:
R
    - requirements:
                            in roman type;
    - test specifications: in italic type ;
r
    - explanations:
                            in small roman type.
ø
         NOTE: In this document the following indications are used in the
         margin:
         R for roman type,
         i for italic type,
         r for small roman type,
         p for instructions for preparing the printed version.
                                                          11e1ef-07a5-4766-84b0-
                                                        .24-1995
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Other publications quoted in this standard:

ENDORSEMENT NOTICE

R The text of the International Standard IEC 335-2-24:1992 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

- p Foreword Delete.
 - 1 Scope
- p 1.1 Add to the list of appliances to which this standard does not apply:

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- r separate motor-compressors (HD 277).
 - 4 General notes on tests
- p 4.2 Replace "IEC 335-2-34" by "HD 277".
 - 7 Marking
- p 7.1 Replace the last paragraph by:
- Moreover, the means provided for the connection to batteries shall be marked with the symbol for direct current and with the supply voltage.
- p Add:
- r Refer snc.
- p 7.12 Add:
- r Refer snc.
 - 9 Starting of motor-operated appliances
- p Replace "IEC 335-2-34" by "HD 277".
 - 11 Heating
- p 11.5 Replace "IEC 335-2-34" by "HD 277".

COMMON MODIFICATIONS

	11.8	Add to the modification:
r		Temperature rises of windings, enclosures and other parts of motor compressors complying with HD 277 are not measured.
p		Replace "IEC 335-2-34" by "HD 277".
	11.10	Replace "IEC 335-2-34" by "HD 277".
	19	Abnormal operation SIST \$\infty 6 \infty 335 \infty -2 \infty 995
p	19.1	Replace "IEC 335-2-34" by "HD 277" (in two places).
	19.7	Replace "IEC 335-2-34" by "HD 277".
		Delete the explanation.
	19.11	Replace "IEC 335-2-34" by "HD 277".
	19.102	Replace "IEC 1058" by "EN 61058".
	24	Components
р	24.1	Replace "IEC 335-2-34" by "HD 277" (in two places).
	25	Supply connection and external flexible cables and cords
p	25.1	Delete the second dashed line.
		Replace "12 V supply" by "battery" (in two places).
	25.6	Replace "code designation 227 IEC 52 according to IEC 227-5" by "code designation HO3 VV-F or HO3 VVH2-F".
	26	Terminals for external conductors
р		Replace "IEC 335-2-34" by "HD 277".
	27	Provision for earthing
р		Replace "IEC 335-2-34" by "HD 277".

COMMON MODIFICATIONS

	28	Screws and connections
р		Replace "IEC 335-2-34" by "HD 277".
	29	Creepage distances, clearances and distances through insulation
р		Replace "IEC 335-2-34" by "HD 277".
	30	Resistance to heat, fire and tracking
p		Replace "IEC 335-2-34" by "HD 277". Resistance to rusting
	31	Resistance to rusting
р		Replace "IEC 335-2-34" by "HD 277".
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ANNEX ZX (normative)

Special national conditions

R Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions. If it affects harmonization, it forms part of the European Standard or Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

SIST E

Clause Special national condition

7.1 DENMARK

r

R

r

Stationary appliances of Class I intended to be used in homes shall, when delivered, be marked with the following text at a place where it will be noticed by the user:

Dette køleskab (Denne fryser) skal ekstrabeskyttes. Se herom i brugsanvisningen.

This refrigerator (This food freezer) shall be protected against indirect contact. Please consult the instructions for use.

This marking need not meet the requirement concerning the durability of markings specified in 7.14 and may be removed by the user after delivery of the appliance.

This requirement is complied with if the appliance is instead provided with a fixed and durable marking, close to the other marking, with the following text:

Skal ekstrabeskyttes, jf. Starkstrømsregl.

Shall be protected against indirect contact, cf. the Heavy Current Regulations.

7.12 DENMARK

R For stationary appliances of Class I intended to be used in homes, the following is added to the Danish modification to Part 1, subclause 7.12:

In the instructions information with the following content shall be given concerning protection against indirect contact:

This refrigerator (food freezer) shall be protected against indirect contact in accordance with the Heavy Current Regulations. This requirement also applies to refrigerators (food freezers) replacing an appliance which was not protected against indirect contact.

The purpose of protection against indirect contact is to protect the user against electric shock in the even of a fault.

In homes built after April 1st, 1975, all socket-outlets in kitchens and possibly also in sculleries will provide protection against indirect contact.

In homes built before April 1st, 1975, protection against indirect contact is provided if an earth-leakage circuit-breaker (RCCB) having a rated tripping fault-current of 0,03 A is installed in the supply to the socket-outlet to which the refrigerator (food freezer) is to be connected.

In both cases:

- a three-pin plug shall be used if the socket-outlet is suitable for a three-pin plug, and the conductor having a green/yellow insulation shall be connected to the earthing terminal (marked \(\plu\)),
- a two-pin plug shall be used if the socket-outlet is suitable for a two-pin plug. The conductor having a green/yellow insulation shall be cut off inside the plug as close to the inlet opening as possible.

In all other cases, an authorized electrician should propose the most favourable way of establishing protection against indirect contact for the refrigerator (food freezer). The Electricity Council recommends to establish the required protection by means of an earth-leakage circuit-breaker (RCCB) having a rated tripping fault-current of 0,03 A.



Corrigendum to EN 60335-2-24:1994

English version

e2b3fffda879/sist-en-60335-2-24-1995

October 1994

Clause 25

Add after the title:

Replace "IEC 335-2-34" by "HD 277".

SIST EN 60335-2-24:1995

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NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 335-2-24

> Troisième édition Third edition 1992-01

Sécurité des appareils électrodomestiques et analogues

Partie 2:

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https://standards.iteh.ai/catalog/standards/sist/7111e1ef-07a5-4766-84b0e**Safety/of household and similar electrical**

appliances

Part 2:

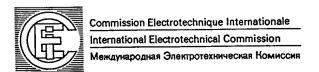
Particular requirements for refrigerators, food-freezers and ice-makers

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