

STN	Elektrické príslušenstvo Ističe na nadprúdové istenie domových a podobných inštalácií Časť 1: Ističe určené na prevádzku pri striedavom prúde Zmena A1	STN EN 60898-1/A1 35 4170
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Electrical accessories. Circuit-breakers for overcurrent protection for household and similar installations. Part 1: Circuit-breakers for a.c. operation

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/24

STN EN 60898-1 z októbra 2020 sa bez tejto zmeny A1 môže používať do 22. 4. 2027.

Obsahuje: EN 60898-1:2019/A1:2024, IEC 60898-1:2015/AMD1:2019

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60898-1:2019/A1

July 2024

ICS 29.120.50

English Version

**Electrical accessories - Circuit-breakers for overcurrent
protection for household and similar installations - Part 1: Circuit-
breakers for a.c. operation
(IEC 60898-1:2015/AMD1:2019)**

Petit appareillage électrique - Disjoncteurs pour la
protection contre les surintensités pour installations
domestiques et analogues - Partie 1: Disjoncteurs pour le
fonctionnement en courant alternatif
(IEC 60898-1:2015/AMD1:2019)

Elektrisches Installationsmaterial - Leitungsschutzschalter
für Hausinstallationen und ähnliche Zwecke - Teil 1:
Leitungsschutzschalter für Wechselstrom (AC)
(IEC 60898-1:2015/AMD1:2019)

This amendment A1 modifies the European Standard EN 60898-1:2019; it was approved by CENELEC on 2024-04-22. 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.

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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

EN 60898-1:2019/A1:2024 (E)**European foreword**

This document (EN 60898-1:2019/A1:2024) consists of the text of document IEC 60898-1:2015/AMD1:2019, prepared by IEC/SC 23E, "Circuitbreakers and similar equipment for household use", of IEC/TC 23 "Electrical accessories".

The following dates are fixed:

- latest date by which this document has to be (dop) 2025-04-22 implemented at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards (dow) 2027-04-22 conflicting with this document have to be withdrawn

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For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of EN 60898-1:2019/A1:2024.

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

The text of the International Standard IEC 60898-1:2015/AMD1:2019 was approved by CENELEC as a European Standard without any modification.



IEC 60898-1

Edition 2.0 2019-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1 AMENDEMENT 1

**Electrical accessories – Circuit-breakers for overcurrent protection
for household and similar installations –
Part 1: Circuit-breakers for a.c. operation**

**Petit appareillage électrique – Disjoncteurs pour la protection
contre les surintensités pour installations domestiques et analogues –
Partie 1: Disjoncteurs pour le fonctionnement en courant alternatif**

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INTERNATIONALE

ICS 29.120.50

ISBN 978-2-8322-7634-1

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FOREWORD

This amendment has been prepared by subcommittee 23E: Circuit-breakers and similar equipment for household use, of IEC technical committee 23: Electrical accessories.

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

FDIS	Report on voting
23E/1156/FDIS	23E/1157/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.

FOREWORD

Add the following paragraph after the sentence "This publication has been drafted in accordance with the ISO/IEC Directives, Part 2":

The following differing practices of a less permanent nature exist in the countries indicated below.

- Annex J, Clause J.1: Upper limit of current for use of screwless terminals is 16 A (CZ, DK, NL and CH; upper limit of current for use of screwless terminals is 30 A (Japan).
- J.3.3: Only universal screwless-type terminals are accepted (AT, BE, CN, DK, DE, ES, FR, IT, PT, SE and CH).

1 Scope

Replace in the third paragraph "for not being maintained" with "do not require maintenance".

Add, at the end of the fourth paragraph, after "pollution degree 2", the following text "and overvoltage category III".

Add, after the second paragraph, the following note:

NOTE 1 Additional requirements are necessary for circuit-breakers used in locations having more severe overvoltage conditions.

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– 3 –

Add, after the fourth paragraph, the following text:

For an environment with a higher pollution degree, enclosures giving the appropriate degree of protection are used.

Add, after the tenth paragraph, the following text:

This document does not apply to circuit-breakers for DC operation that are covered by IEC 60898-3.

Delete paragraph 13: "For an environment [...] should be used."

Renumber the existing note in paragraph 14 "NOTE 2".

2 Normative references

Add the following reference to Clause 2:

IEC 60664-3, *Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN