



SLOVENSKI STANDARD
SIST EN 60898-1:2019/A11:2024

01-oktober-2024

Električni pribor - Odklopniki za nadtokovno zaščito za gospodinske in podobne inštalacije - 1. del: Odklopniki za izmenični tok

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

Elektrisches Installationsmaterial - Leitungsschutzschalter für Hausinstallationen und ähnliche Zwecke - Teil 1: Leitungsschutzschalter für Wechselstrom (AC)

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

Ta slovenski standard je istoveten z: EN 60898-1:2019/A11:2024

<https://standards.iteh.ai/catalog/standards/sist/ce6835df-eafe-4d7d-9e0e-df82eabee956/sist-en-60898-1-2019-a11-2024>

ICS:

29.120.50	Varovalke in druga nadtokovna zaščita	Fuses and other overcurrent protection devices
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SIST EN 60898-1:2019/A11:2024

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60898-1:2019/A11

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

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

Elektrisches Installationsmaterial - Leitungsschutzschalter für Hausinstallationen und ähnliche Zwecke - Teil 1: Leitungsschutzschalter für Wechselstrom (AC)

This amendment A11 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.

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

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European foreword

This document (EN 60898-1:2019/A11:2024) has been prepared by CLC/TC 23E “Circuit breakers and similar devices for household and similar applications”.

The following dates are fixed:

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- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2027-04-22

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.

This document is read in conjunction with EN 60898-1:2019 and EN 60898-1:2019/A1:2024.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

This amendment and EN 60898-1:2019/A1:2024 include the following significant technical changes with respect to EN 60898-1:2019:

- Clause 6, Marking and other product information: addition of two items dealing with the grid distance “a”; one for the value of “a”, the other for the installation information, when “a” is greater than 35 mm.
- Subclause 8.1.3, Clearances, creepage distances and solid insulation and 9.7, Test of dielectric properties: text is rearranged to be in line with the IEC 61008 and IEC 61009 series.
- Subclause 9.9, 28-day test: the reference temperature is measured during the first cycle (previously during the temperature-rise test).
- Subclause 9.12.9.2 (Short-circuit) Test in free air, addition of a maximum grid distance of 250 mm.
- Annex J: Upper limit of current for use of screwless terminals is increased up to 40 A.

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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.

EN 60898-1:2019/A11:2024 (E)**1 Modifications to Clause 1, “Scope”**

Delete the second and third modification:

“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.”

Replace in the last but one modification “paragraph 13” with “paragraph 14”.

Delete the last modification:

“Renumber the existing note in paragraph 14 to “NOTE 2”.”

2 Modification to Clause 2, “Normative references”

Delete the following standards:

IEC 60227 (all parts), *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750V*

IEC 60269 (all parts), *Low-voltage fuses*

3 Modifications to Clause 3, “Terms and definitions”

Replace

“Insert the following new terms and definitions:”

with

“Replace 3.2.15 and 3.2.16 with”.

4 Addition of a modification to 4.5.2, “According to the type of terminals”

Add a new modification as follows:

“4.5.2 According to the type of terminals

Delete the fourth dash and Note 3.”

5 Modification to 5.2.4, “Rated short-circuit capacity (I_{cn})”

Delete the modification to 5.2.4.

6 Modification to 5.3.1, “Preferred values of rated voltage”

Delete the modification to 5.3.1.

7 Modification to 5.3.6, “Standard values of rated impulse withstand voltage (U_{imp})”

Delete the modification to 5.3.6 (including Table 3).

8 Modification to Clause 6, “Marking and other product information”

Replace the modifications to Clause 6 with the following:

“Add the following changes in 6.1 and 6.3: