

STN	Elektrické príslušenstvo Ističe na nadprúdové istenie domových a podobných inštalácií Časť 3: Ističe určené na prevádzku pri jednosmernom prúde Zmena A11	STN EN IEC 60898-3/A11 35 4170
------------	--	--

Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3:
Circuit-breakers for DC 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. 06/25

STN EN IEC 60898-3 z júna 2025 sa bez tejto zmeny A11 môže používať do 31. 3. 2028.

Obsahuje: EN IEC 60898-3:2025/A11:2025

140627

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii
v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60898-3:2025/A11

March 2025

ICS 29.120.50

English Version

**Electrical accessories - Circuit-breakers for overcurrent
protection for household and similar installations - Part 3: Circuit-
breakers for DC operation**

Petit appareillage électrique - Disjoncteurs pour la
protection contre les surintensités pour installations
domestiques et analogues - Partie 3: Disjoncteurs pour le
fonctionnement en courant continu

Elektrisches Installationsmaterial - Leitungsschutzschalter
für Hausinstallationen und ähnliche Zwecke - Teil 3:
Leitungsschutzschalter für Gleichstrom (DC)

This amendment A11 modifies the European Standard EN IEC 60898-3:2025; it was approved by CENELEC on 2025-02-03. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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 IEC 60898-3:2025/A11:2025 (E)**Contents**

Page

European foreword	3
1 Modifications to Clause 1	4
2 Modification to Clause 2, “Normative references”	4
3 Modifications to Clause 3, “Terms and definitions”	4
4 Modifications to Clause 4, “Classification”	5
5 Modifications to Clause 5, “Characteristics of circuit-breakers”	5
6 Modifications to Clause 6, “Marking and other product information”	5
7 Modification to Clause 7, “Standard conditions for operation in service”	8
8 Modifications to Clause 8, “Requirements for construction and operation”	9
9 Modifications to Clause 9, “Tests”	10
10 Modification to Figures	11
11 Modification to Annex B, “Test sequences and number of samples necessary to prove compliance with this document”	11
12 Modification to Annex C, “Co-ordination under short-circuit conditions between a circuitbreaker and another short-circuit protective device (SCPD) associated in the same circuit”	11
13 Modification to Annex E, “Correspondence between IEC and AWG copper conductors”	11
14 Modification to Annex F, “Arrangement for short-circuit test”	11
15 Modification to Annex G, “Routine tests”	11
16 Modification to Annex H, “Particular requirements for circuit-breakers with screwless type terminals for external copper conductors”	11
17 Modification to Annex I, “Particular requirements for circuit-breakers with flat quickconnect terminations”	12
18 Modification to Annex J, “Specific requirements for circuit-breakers with screw-type terminals for external untreated aluminium conductors and with aluminium screw-type terminals for use with copper or with aluminium conductors”	12
19 Addition of annexes	12
Annex ZA (normative) Normative references to international publications with their corresponding European publications	13
Annex ZB (normative) Special national conditions	14
Annex ZZ (informative) Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered	15

European foreword

This document (EN IEC 60898-3:2025/A11:2025) 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 (dop) 2026-03-31
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) 2028-03-31
conflicting with this document have to be
withdrawn

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 IEC 60898-3:2025 and EN IEC 60898-3:2025/A1:2025.

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

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 IEC 60898-3:2025/A11:2025 (E)**1 Modifications to Clause 1**

Add at the end of the sentence of the 3rd paragraph:

“and overvoltage category III.”

Replace the 5th paragraph with the following:

“Circuit-breakers of this document are also suitable for use in IT systems provided that the requirements of HD 60364-4-43:2010 are met.”

Renumber “NOTE” as “NOTE 1”.

Add after Note 1 the following new Note 2:

“

NOTE 2 Recommendations for the dimensional coordination between enclosures and circuit breakers for mounting on rails according to EN 60715 or equivalent means are given in the CENELEC report PD CLC/TR 50473.”

2 Modification to Clause 2, “Normative references”

Add the following references:

EN 60051-1:2017, Direct acting indicating analogue electrical measuring instruments and their accessories - Part 1: Definitions and general requirements common to all parts (IEC 60051-1:2016)

HD 60364-5-52:2011, Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems (IEC 60364-5-52:2009)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN