

**SLOVENSKI
STANDARD**

SIST EN 60898:1995/A16:1997

prva izdaja
november 1997

Circuit-breakers for overcurrent protection for household and similar installations -
Amendment A16

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[SIST EN 60898:1995/A16:1997](https://standards.iteh.ai/catalog/standards/sist/a49768dc-fc8b-4f72-92f0-e3c7c467bbfc/sist-en-60898-1995-a16-1997)
[https://standards.iteh.ai/catalog/standards/sist/a49768dc-fc8b-4f72-92f0-
e3c7c467bbfc/sist-en-60898-1995-a16-1997](https://standards.iteh.ai/catalog/standards/sist/a49768dc-fc8b-4f72-92f0-e3c7c467bbfc/sist-en-60898-1995-a16-1997)

ICS 29.120.50

Referenčna številka
SIST EN 60898:1995/A16:1997(en)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60898/A16

April 1996

UDC 621.316.57:64.06-83:614.8
ICS 29.120.40; 29.120.60

Descriptors: Electrical installation LT, household electrical equipment, overcurrent circuit-breaker, characteristic, construction, test

English version

Circuit-breakers for overcurrent protection for household and similar installations

Disjoncteurs pour installations
domestiques et analogues pour la
protection contre les surintensités

Leitungsschutzschalter für den Haushalt
und ähnliche Anwendungen

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This amendment A16 modifies the European Standard EN 60898:1991; it was approved by CENELEC on 1996-03-05. 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 Central Secretariat 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 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

Foreword

This amendment was prepared by the Technical Committee CENELEC TC 23E, Circuit breakers and similar devices for household and similar applications.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A16 to EN 60898:1991 on 1996-03-05.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1997-03-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1997-09-01

For products which have complied with EN 60898:1991 and its amendments A1:1991, A11:1994; A12:1995, A13:1995, A14:1995 and A15:1995 before 1997-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-09-01.

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- 7.6 **Automatic operation** SIST EN 60898:1995/A16:1997
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- 7.6.1 **Standard time-current zone**

Table VI - Time-current operating characteristics

Replace the conditions of test "d" by:

Test	Type	Test current	Initial condition	Limits of tripping or non-tripping time	Result to be obtained	Remarks
d	B	3 I _n	Cold*)	0,1 < t < 45 s (I _n ≤ 32 A)	Tripping	Current established by closing an auxiliary switch
	C	5 I _n		0,1 < t < 90 s (I _n > 32 A)		
				0,1 < t < 15 s (I _n ≤ 32 A)		
				0,1 < t < 30 s (I _n > 32 A)		
D	10 I _n	0,1 < t < 4 s(**) (I _n ≤ 32 A)				
				0,1 < t < 8 s (I _n > 32 A)		

Add the note: **) For $I_n \leq 10$ A, $t < 8$ s is permissible

8.10 *Test of tripping characteristic*

8.10.2 *Test of instantaneous tripping*

8.10.2.1 *For circuit-breakers of the B-type*

Replace the second line by:

The opening time shall be not less than 0,1 s and not more than:

-45s for rated currents up to and including 32 A

-90s for rated currents above 32 A.

Add, at the end: *Moreover the circuit-breaker shall perform the test of 8.10.1.2.*

8.10.2.2 *For circuit-breakers of the C-type*

Replace the second line by:

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The opening time shall be not less than 0,1s and not more than:

-15s for rated currents up to and including 32 A

-30s for rated currents above 32 A.

Add, at the end: *Moreover, the circuit-breaker shall perform the test of 8.10.1.2.*

8.10.2.3 *For circuit-breakers of the D-type*

Replace the second line by:

The opening time shall be not less than 0,1s and not more than:

- 4s for rated currents above 10A up to and including 32 A

-8s for rated currents up to and including 10 A and above 32 A..

Add, at the end: *Moreover the circuit-breaker shall perform the test of 8.10.1.2.*