

SLOVENSKI
STANDARD

**SIST EN 61812-
1:1999/A11:2000**

prva izdaja
september 2000

Specified time relays for industrial use - Part 1: Requirements and tests

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ICS 29.120.70

Referenčna številka
SIST EN 61812-1:1999/A11:2000(en)

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ICS 29.120.70

Descriptors: Specified time relays, requirements, tests

English version

**Specified time relays for industrial use
Part 1: Requirements and tests**

Relais à temps spécifié pour applications
industrielles
Partie 1: Prescriptions et essais

Relais mit festgelegtem Zeitverhalten
(Zeitrelais) für industrielle Anwendungen
Teil 1: Anforderungen und Prüfungen

This amendment A11 modifies the European Standard EN 61812-1:1996; it was approved by CENELEC on 1999-01-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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 94, Relays.

The text of the draft (prAA) was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A11 to EN 61812-1:1996 on 1999-01-01.

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) 2000-01-01
 - latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2002-01-01
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3 Requirements with regard to input and output circuits

3.10 Replace this subclause by :

3.10 EMC immunity

The test requirements have been selected so as to ensure an adequate immunity against electromagnetic disturbances for specified-time relays used in industrial environment.

For such specified-time relays two application classes apply:

Application class 1: The specified-time relays are mounted in an enclosure (e.g. a switching cabinet) and used in a protected environment. For this application class, compliance with the requirements of test level 2 of the relevant part of IEC 61000-4 as indicated in the following subclauses is sufficient.

Application class 2: The specified-time relays are operated without additional enclosure and in unprotected environment. For this application class, compliance with test level 3 of the relevant part of IEC 61000-4 as indicated in the following subclauses is required.

The manufacturer shall indicate in the operating documents the permissible application class and/or the achieved test level.

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