

STN	Elektromechanické elementárne relé. Časť 3: Relé s nútene vedenými (mechanicky spriahnutými) kontaktmi.	STN EN 61810-3 35 3411
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Electromechanical elementary relays - Part 3: Relays with forcibly guided (mechanically linked) contacts

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. 09/15

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EN 61810-3

April 2015

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Supersedes EN 50205:2002

English Version

**Electromechanical elementary relays -
Part 3: Relays with forcibly guided (mechanically linked) contacts
(IEC 61810-3:2015)**

Relais électromécaniques élémentaires -
Partie 3: Relais à contacts guidés (liés mécaniquement)
(IEC 61810-3:2015)

Elektromechanische Elementarrelais -
Teil 3: Relais mit (mechanisch) zwangsgeführten Kontakten
(IEC 61810-3:2015)

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Foreword

The text of document 94/378/FDIS, future edition 1 of IEC 61810-3, prepared by IEC/TC 94 "All-or-nothing electrical relays" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61810-3:2015.

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IEC 61810-2-1 NOTE Harmonized as EN 61810-2-1.

Annex ZA (normative)

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NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60947-5-1	-	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices	EN 60947-5-1	-
IEC 61810-1	2015	Electromechanical elementary relays - Part 1: General and safety requirements	EN 61810-1	2015
IEC 61810-7	-	Electromechanical elementary relays - Part 7: Test and measurement procedures	EN 61810-7	-



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electromechanical elementary relays –
Part 3: Relays with forcibly guided (mechanically linked) contacts**

**Relais électromécaniques élémentaires –
Partie 3: Relais à contacts guidés (liés mécaniquement)**



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electromechanical elementary relays –
Part 3: Relays with forcibly guided (mechanically linked) contacts**

**Relais électromécaniques élémentaires –
Partie 3: Relais à contacts guidés (liés mécaniquement)**

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International Standard IEC 61810-3 has been prepared by IEC technical committee 94: All-or-nothing electrical relays.

The content of this standard was already published in EN 50205:2002. The revisions in this standard only involve editorial changes and update of references.

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

FDIS	Report on voting
94/378/FDIS	94/382/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of IEC 61810 series, published under the general title *Electromechanical elementary relays* can be found on the IEC website.

The committee has decided that the contents of this 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,
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INTRODUCTION

This Standard applies to elementary relays in which special design and constructional measures are used to ensure that make (normally-open) contacts cannot assume the same state as break (normally-closed) contacts. These relays can be used in self-monitoring control systems, e.g. safety-related control systems.

ELECTROMECHANICAL ELEMENTARY RELAYS –

Part 3: Relays with forcibly guided (mechanically linked) contacts

1 Scope

This part of IEC 61810 specifies special requirements and tests for elementary relays with forcibly guided contacts, also known as mechanically linked contacts. These special requirements apply in addition to the general requirements of IEC 61810-1.

NOTE 1 This standard does not apply to electromechanical control circuit devices as described in IEC 60947-5-1.

NOTE 2 IEC 61810-2-1 provides guidelines for the assignment of reliability values.

NOTE 3 Contacts that are not mechanically linked (forcibly guided) are not considered in this standard.

2 Normative references

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IEC 61810-1:2015, *Electromechanical elementary relays – Part 1: General and safety requirements*

IEC 61810-7, *Electromechanical elementary relays – Part 7: Test and measurement procedures*

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