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

## EESTI STANDARDI EESSÕNA

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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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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

## 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.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-01-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-04-01

This document supersedes EN 50205:2002.

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The text of the International Standard IEC 61810-3:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

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

**Annex ZA**  
(normative)

**Normative references to international publications  
with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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](http://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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## 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.

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