

**Aerospace series - Requirements and test procedures for relays and contactors - Part 601: Compass safety distance**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 2349-601:2007 sisaldab Euroopa standardi EN 2349-601:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 31.05.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 2349-601:2007 consists of the English text of the European standard EN 2349-601:2007.</p> <p>This document is endorsed on 31.05.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This standard specifies a method for testing the compass safety distance of relays and contactors. It shall be used together with EN 2349-100.</p>	<p><b>Scope:</b> This standard specifies a method for testing the compass safety distance of relays and contactors. It shall be used together with EN 2349-100.</p>
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ICS 49.060

Võtmesõnad:

ICS 49.060

English Version

## Aerospace series - Requirements and test procedures for relays and contactors - Part 601: Compass safety distance

Série aérospatiale - Exigences et méthodes d'essais des relays et contacteurs - Partie 601 : Distance de sécurité par rapport au compas

Luft- und Raumfahrt - Anforderungen und Prüfverfahren für Relais und Schaltschütze - Teil 601: Kompassicherheitsabstand

This European Standard was approved by CEN on 19 May 2006.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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## Foreword

This document (EN 2349-601:2007) has been prepared by the AeroSpace and Defense Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## 1 Scope

This standard specifies a method for testing the compass safety distance of relays and contactors. It shall be used together with EN 2349-100.

## 2 Normative references

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

EN 2349-100, *Aerospace series — Requirements and test procedures for relays and contactors — Part 100: General requirements* <sup>1)</sup>

ISO 7137:1995, *Aircraft — Environmental conditions and test procedures for airborne equipment* <sup>2)</sup>

## 3 Mounting method

The relay or contactor shall be wired in accordance with EN 2349-100. The coil terminals shall be connected to a power source. The switching device shall be positioned at a precise distance from a compass.

## 4 Test procedure

Compass deflection shall be established with the switching device energized and de-energized.

The test shall be performed in accordance with ISO 7137, category 15.

## 5 Test criteria

The distance at which the compass needle is deflected by 1° shall be in accordance with the specifications of ISO 7137.

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1) In preparation at the date of publication of this standard.

2) Endorsement of publications EUROCAE/ED-14 and RTCA/DO-160.