



SLOVENSKI STANDARD

SIST EN 2349-601:2009

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**Aeronavtika - Zahteve in preskusni postopki za releje in kontaktorje - 601. del:
Varnostna razdalja kompasa**

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

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

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

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Ta slovenski standard je istoveten z: EN 2349-601:2007

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49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2349-601

April 2007

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
relais 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.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 CEN Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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 United Kingdom.

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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.

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EN 2349-601:2007 (E)**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* ¹⁾

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

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.

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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.

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

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