



**SLOVENSKI STANDARD  
SIST EN 2349-405:2009**

**01-maj-2009**

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Aerospace series - Requirements and test procedures for relays and contactors - Part 405: Fluid resistance

Luft- und Raumfahrt - Anforderungen und Prüfverfahren für Relais und Schaltschütze - Teil 405: Beständigkeit gegen Flüssigkeiten

Série aérospatiale - Exigences et méthodes d'essais des relais et contacteurs - Partie 405 : Résistance aux fluides

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**Ta slovenski standard je istoveten z: EN 2349-405:2006**

**ICS:**

49.060 Š`cp` \`æš` Ā`^` [ ]b` \`æ Aerospace electric  
^`^` \`dã` }`æł` ]`!`^` {` æš` Ā`ã` c`^` {` ã equipment and systems

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 2349-405**

October 2006

ICS 49.060

English Version

## Aerospace series - Requirements and test procedures for relays and contactors - Part 405: Fluid resistance

Série aérospatiale - Exigences et méthodes d'essais des  
relais et contacteurs - Partie 405 : Résistance aux fluides

Luft- und Raumfahrt - Anforderungen und Prüfverfahren für  
Relais und Schaltschütze - Teil 405: Beständigkeit gegen  
Flüssigkeiten

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, 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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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN 2349-405:2006) has been prepared by the AeroSpace and Defence 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 April 2007, and conflicting national standards shall be withdrawn at the latest by April 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, 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 2349-405:2006 (E)****1 Scope**

This standard specifies a method for checking the capability of relays and contactors to withstand fluids. 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>

EN 2349-201, *Aerospace series — Requirements and test procedures for relays and contactors — Part 201: Visual inspection*

EN 2591-315, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 315: Fluid resistance*

**3 Method**

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**3.1 Mounting**

The relay or contactor shall be wired in accordance with the product standard. For relays with a plug-socket holder, the contact positions which are not wired shall be fitted with blanking plugs.

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**3.2 Procedure**

The test shall be carried out in accordance with EN 2591-315.

Maximum temperature limit: see product standard.

**4 Requirements**

Test in accordance with EN 2349-201. There shall be no signs of attack or corrosion.

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<sup>1)</sup> In preparation at the date of publication of this standard.