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

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EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 2349-405:2006 sisaldab Euroopa standardi EN 2349-402:2006 ingliskeelset teksti. Käesolev dokument on jõustatud 24.11.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 2349-405:2006 consists of the English text of the European standard EN 2349-402:2006. This document is endorsed on 24.11.2006 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This standard specifies a method for checking the capability of relays and contactors to withstand corrosion due to salt spray. It shall be used together with EN 2349-100.	**Scope:** This standard specifies a method for checking the capability of relays and contactors to withstand corrosion due to salt spray. It shall be used together with EN 2349-100.

ICS 49.060

Võtmesõnad:

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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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Contents

Page

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.

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* [1)]

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

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.

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.

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