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IRISH STANDARD

**I.S. EN 2349-410:2007**

ICS 49.060

**AEROSPACE SERIES - REQUIREMENTS AND  
TEST PROCEDURES FOR RELAYS AND  
CONTACTORS - PART 410: MOULD**

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English Version

**Aerospace series - Requirements and test procedures for relays  
and contactors - Part 410: Mould**

Série aérospatiale - Exigences et méthodes d'essais des  
relais et contacteurs - Partie 410 : Moisissures

Luft- und Raumfahrt - Anforderungen und Prüfverfahren für  
Relais und Schaltschütze - Teil 410: Schimmelpilzbefall

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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<b>Contents</b>		<b>Page</b>
<b>Foreword.....</b>		<b>3</b>
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Method .....</b>	<b>4</b>
<b>4</b>	<b>Requirements .....</b>	<b>4</b>

## **Foreword**

This document (EN 2349-410:2007) 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of an identical text or by endorsement, at the latest by October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.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.

## EN 2349-410:2007 (E)

### 1 Scope

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

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

### 3 Method

#### 3.1 Mounting

The relay or contactor shall be wired in accordance with the product standard.

#### 3.2 Procedure

The relay or contactor shall be subjected to a mould test in accordance with ISO 7137. The test period shall be 28 days.

### 4 Requirements

Test in accordance with EN 2349-201. There shall be no sign of attack by mould.

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

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

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