



**SLOVENSKI STANDARD
SIST EN 2349-319:2009**

01-maj-2009

**Aeronavtika - Zahteve in preskusni postopki za releje in kontaktorje - 319. del:
Preskus z minimalnim tokom (miss test)**

Aerospace series - Requirements and test procedures for relays and contactors - Part 319: Miss test

Luft- und Raumfahrt - Anforderungen und Prüfverfahren für Relais und Schaltschütze - Teil 319: Mindeststromprüfung

Série aérospatiale - Exigences et méthodes d'essais des relais et contacteurs - Partie 319 : Test de manquer

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Ta slovenski standard je istoveten z: EN 2349-319:2006

ICS:

49.060 Štejni in električni opremljeni sistemi za letalstvo in vesolje
Aerospace electric equipment and systems

SIST EN 2349-319:2009

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2349-319

October 2006

ICS 49.060

English Version

Aerospace series - Requirements and test procedures for relays and contactors - Part 319: Miss test

Série aérospatiale - Exigences et méthodes d'essais des
relais et contacteurs - Partie 319 : Test de manquer

Luft- und Raumfahrt - Anforderungen und Prüfverfahren für
Relais und Schaltschütze - Teil 319: Mindeststromprüfung

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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Foreword

This document (EN 2349-319:2006) 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 2349-319:2006 (E)**1 Scope**

This standard specifies a method for the relay miss test to show conformance to the minimum current requirements. 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⁾

3 Mounting method

The switching device shall be wired in accordance with EN 2349-100 and placed in a heating cabinet.

4 Test procedures

The tests shall be carried out under the following conditions:

- Contact load: 300 μ A/5 V d.c.
- Number of operations: 5 000;
- Number of misses: 0;
- Alarm level during test: 100 Ω — dynamic contact resistance.

5 Test criteria

There shall be no missed operations.

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