



# SLOVENSKI STANDARD

## SIST EN 3841-501:2005

01-april-2005

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### Aeronavtika - Odklopniki - 501. del: Hod prožilnega gumba

Aerospace series - Circuit breakers - Test methods - Part 501: Actuator button travel

Luft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil 501: Weg des Betätigungsknopfes

Série aérospatiale - Disjoncteurs - Méthodes d'essais - Partie 501 : Course du bouton de commande

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Ta slovenski standard je istoveten z: EN 3841-501:2004

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#### ICS:

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

SIST EN 3841-501:2005

en

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 3841-501**

December 2004

ICS 49.060

English version

**Aerospace series - Circuit breakers - Test methods - Part 501:  
Actuator button travel**

Série aérospatiale - Disjoncteurs - Méthodes d'essais -  
Partie 501 : Course du bouton de commande

Luft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil  
501: Weg des Betätigungsknopfes

This European Standard was approved by CEN on 10 September 2004.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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## Foreword

This document (EN 3841-501:2004) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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 June 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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## 1 Scope

This standard specifies a method of verifying the actuator button travel of circuit breakers.

It shall be used together with EN 3841-100.

## 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 3841-100, *Aerospace series – Circuit breakers – Test methods – Part 100: General*

## 3 Method

With the circuit breakers in the closed and open positions the dimensions of the end of the actuating button in relation to the mounting surface shall be measured, parallel to its longitudinal axis (direction of travel).

This measurement shall be performed three times, with one mechanical switching operation between each measurement.

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## 4 Requirement

The mean values of the measurements recorded shall be within the tolerances specified in the product standard.

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