SLOVENSKI STANDARD
SIST EN 3841-407:2005

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Aeronavtika - Odklopniki - Preskusne metode - 407. del: Sprememba temperature

Aerospace series - Circuit breakers - Test methods - Part 407: Temperature variation

Luft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil 407: Temperaturwechsel

Série aérospatiale - Disjoncteurs - Méthodes d'essais - Partie 407 : Différence de température

Ta slovenski standard je istoveten z: EN 3841-407:2004

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Aerospace series - Circuit breakers - Test methods - Part 407: Temperature variation

Série aérospatiale - Disjoncteurs - Méthodes d'essais - Partie 407 : Différence de température

Luft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil 407: Temperaturwechsel

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Foreword

This document (EN 3841-407:2004) 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of an identical text or by endorsement, at the latest by June 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.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.

1 Scope

This standard specifies a method of verifying the ability of circuit breakers to withstand a temperature variation.

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.

ISO 7137, *Aircraft – Environmental conditions and test procedures for airborne equipment*

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

3 Method

3.1 Mounting

The circuit breakers shall be mounted on a support placed in the chamber and connected to an outside power supply.

3.2 Procedure

The circuit breakers shall be tested in the ON position. The temperature variation test shall be carried out according to test procedure 1.2 (without altitude) of ISO 7137. The technical specification shall specify the category, the high and low operating temperature extremes, the number of cycles load and the applicable performance tests.

4 Requirement

Requirements in accordance with technical specification and product standard.