



SLOVENSKI STANDARD SIST EN 3841-405:2005

01-april-2005

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Aerospace series - Circuit breakers - Test methods - Part 405: Fluid resistance

Luft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil 405: Beständigkeit gegen
Flüssigkeiten

(standards.iteh.ai)

Série aérospatiale - Disjoncteurs - Méthodes d'essais - Partie 405 : Résistance aux
fluides

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Ta slovenski standard je istoveten z: EN 3841-405:2004

ICS:

49.060 Ščp\ aš Á• [|b\ æ Aerospace electric
^^\ dā } a[] |^ { aš Á ã c^ { ã equipment and systems

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EUROPEAN STANDARD

EN 3841-405

NORME EUROPÉENNE

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English version

**Aerospace series - Circuit breakers - Test methods - Part 405:
Fluid resistance**Série aérospatiale - Disjoncteurs - Méthodes d'essais -
Partie 405 : Résistance aux fluidesLuft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil
405: Beständigkeit gegen Flüssigkeiten

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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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG**Management Centre: rue de Stassart, 36 B-1050 Brussels**

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Foreword

This document (EN 3841-405:2004) 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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EN 3841-405:2004 (E)**1 Scope**

This standard specifies a method of verifying the circuit breakers ability to withstand fluids as defined in EN 3909.

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*

EN 3909, *Aerospace series – Test fluids for electric components and sub-assemblies* ¹⁾

3 Method**3.1 Mounting**

The circuit breakers shall be submitted to the test in the closed position.

3.2 Procedure

One circuit breaker shall be used for each fluid as defined in EN 3909 and wetted using a brush.

The circuit breakers shall remain wet for 24 h at ambient temperature except for the fire extinguishing agent.

3.3 Requirement

Manual verification of the mechanical function after wetting; then, after the drying phase the tests in accordance with technical specification and product standard shall be carried out.

The current rating marking shall still be legible. A change in colour and of the other markings is acceptable.

1) Published as AECMA Prestandard at the date of publication of this standard