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IRISH STANDARD

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AEROSPACE SERIES - CIRCUIT BREAKERS - TEST METHODS - PART 504: STRENGTH OF MOUNTING ELEMENTS

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EUROPEAN STANDARD

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English version

Aerospace series - Circuit breakers - Test methods - Part 504: Strength of mounting elements

Série aérospatiale - Disjoncteurs - Méthodes d'essais - Partie 504 : Résistance des éléments de fixation

Luft- und Raumfahrt - Schutzschalter - Prüfverfahren - Teil 504: Festigkeit der Befestigung

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

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Foreword

This document (EN 3841-504:2004) 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of an identical text or by endorsement, at the latest by June 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.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 strength of the mounting elements 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

3.1 Mounting

The tightening torque specified in the technical specification shall be applied three times for 1 min each, with one disassembly between each operation.

3.2 Rotation

The housing of the circuit breakers shall be turned about its mounting in both directions successively at the torque value specified in the technical specification.

No deformation outside tolerances or rupture of the locating device shall result. The housing of the circuit breakers shall not break.

4 Requirement

Requirements in accordance with technical specification and product standard.

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