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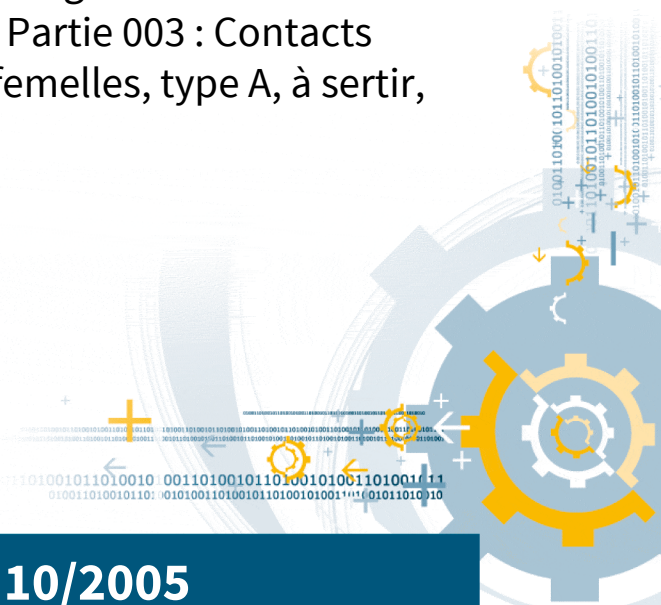
ILNAS-EN 3155-003:2005

Aerospace series - Electrical contacts used in elements of connection - Part 003: Contacts, electrical, female, type A, crimp, class S - Product standard

Luft- und Raumfahrt - Elektrische
Kontakte zur Verwendung in
Verbindungselementen - Teil 003:
Elektrische Buchsenkontakte, Typ A,

Série aérospatiale - Contacts électriques
utilisés dans les organes de connexion et
optique - Partie 003 : Contacts
électriques, femelles, type A, à sertir,

10/2005



National Foreword

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ICS 49.060

English Version

**Aerospace series - Electrical contacts used in elements of
connection - Part 003: Contacts, electrical, female, type A,
crimp, class S - Product standard**

Série aérospatiale - Contacts électriques utilisés dans les
organes de connexion et optique - Partie 003 : Contacts
électriques, femelles, type A, à sertir, classe S - Norme de
produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung
in Verbindungselementen - Teil 003: Elektrische
Buchsenkontakte, Typ A, crimpbar, Klasse S -
Produktnorm

This European Standard was approved by CEN on 26 September 2005.

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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.

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Foreword

This European Standard (EN 3155-003:2005) 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of an identical text or by endorsement, at the latest by April 2006, and conflicting national standards shall be withdrawn at the latest by April 2006.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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 the United Kingdom.

Introduction

The contacts defined by this standard are derived from those of MIL-C-39029/57 and, intermateable with those of MIL-C-39029/58.

1 Scope

This standard specifies the required characteristics, tests and tooling applicable to female electrical contacts 003, type A, crimp, class S used in elements of connection according to EN 3155-002.

It shall be used together with EN 3155-001.

The associated male contacts are defined in EN 3155-008.

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 8843, *Aircraft — Crimp-removable contacts for electrical connectors — Identification system*.

EN 2083, *Aerospace series — Copper or copper alloy conductors for electrical cables — Product standard*.

EN 2591*, *Aerospace series — Elements of electrical and optical connection — Test methods — General*.

EN 3155-001, *Aerospace series — Electrical contacts used in elements of connection — Part 001: Technical specification*.¹⁾

EN 3155-002, *Aerospace series — Electrical contacts used in elements of connection — Part 002: List and utilization of contacts*.¹⁾

EN 3155-008, *Aerospace series — Electrical contacts used in elements of connection — Part 008: Contacts, electrical, male, type A, crimp, class S — Product standard*.

EN 4008-009, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 009: Positioner for crimping tool M22520/23 — Product standard*.²⁾

EN 4008-010, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 010: Head for crimping tool M22520/23 — Product standard*.²⁾

* All its parts quoted in this standard.

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

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