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Date: 26 September 2016

Origin: European

Latest date for receipt of comments: 22 November 2016 Responsible committee:

Project No. 2009/01617

ACE/006 Aerospace avionic electrical and fibre optic technology

Interested committees:

Title: Draft BS EN 3155-003 Aerospace series — Electrical contacts used in elements of connection — Part 003:
Contacts, electrical, female, type A, crimp, class S — Product standard

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Introduction

This draft standard is based on European discussions in which the UK has taken an active part. Your comments on this draft are welcome and will assist in the preparation of the consequent British Standard. Comment is particularly welcome on national, legislative or similar deviations that may be necessary.

Even if this draft standard is not approved by the UK, if it receives the necessary support in Europe, the UK will be obliged to publish the official English Language text unchanged as a British Standard and to withdraw any conflicting standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with reasons) or positive vote on this draft.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	(7)
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/ Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

ASD/TC

Date: 2016-06

prEN 3155-003:2016

ASD/TC

Secretariat:

**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, crimpbar, Klasse S — Produktnorm

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

ICS: 49.060

Descriptors:

Document type: European Standard
Document subtype:
Document stage:
Document language: E

C:\Users\StackT\AppData\Local\Temp\Temp1_ASD-STAN-D2_N0719_NDB_for_prEN_3155-003.zip\EN 3155-003 (05-2016).doc STD Version 2.2

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Foreword

This European Standard (prEN 3155-003:2016) has been prepared by the [Aerospace and Defence Industries Association of Europe](#) - Standardization (ASD-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.

1 Introduction

~~2 The contacts defined by this standard are derived from those of MIL-CSAE-AS39029/57 and, intermateable with those of MIL-CSAE-AS39029/58.~~

31 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.

42 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.*

EN4434 Aerospace series Copper or copper alloy lightweight conductors for electrical cables Product standard (Normal and tight tolerances)

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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.*

EN3545-001 Aerospace series — Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -5 °C to 175 °C. Technical specification

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.