

Electrical contacts used in elements of connection —

**Part 013: Contacts, electrical, triaxial,
size 8, female, type D, solder, class R —
Product standard**

The European Standard EN 3155-013:2006 has the status of a
British Standard

ICS 49.060

National foreword

This British Standard is the official English language version of EN 3155-013:2006.

The UK participation in its preparation was entrusted by Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology, to Subcommittee ACE/6/-/3, Aerospace — Connectors, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

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Summary of pages

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Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 013: Elektrische triaxiale Buchsenkontakte, Größe 8, Typ D, zum Lötén, Klasse R - Produktnorm

This European Standard was approved by CEN on 6 January 2006.

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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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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard (EN 3155-013:2006) has been prepared by the AeroSpace and Defense 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 ASD, 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of an identical text or by endorsement, at the latest by January 2007, and conflicting national standards shall be withdrawn at the latest by January 2007.

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0 Introduction

The contacts defined by this standard are derived from and interchangeable with those of MIL-C-39029/91A. They are also interchangeable with those of standard EN 3155-010.

1 Scope

This standard specifies the required characteristics and tests applicable to size 8, female triaxial electrical contacts 013, type D, solder, class R, used in elements of connection according to EN 3155-002.

It shall be used together with EN 3155-001.

The associated female contacts are defined in EN 3155-010 and EN 3155-012.

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 2591 (series), *Aerospace series — Elements of electrical and optical connection — Test methods*

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

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

EN 3155-010, *Aerospace series — Electrical contacts used in elements of connection — Part 010: Contacts, electrical, triaxial, size 08, male, type D, crimp, class R — Product standard*

EN 3155-011, *Aerospace series — Electrical contacts used in elements of connection — Part 011: Contacts, electrical, triaxial, size 8, female, type D, crimp, class R — Product standard*¹⁾

EN 3155-012, *Aerospace series — Electrical contacts used in elements of connection — Part 012: Contacts, electrical, triaxial, size 8, male, type D, solder, class R — Product standard*

EN 3375-003, *Aerospace series — Cables, electrical, for signal data transmissions — Part 003: Cables, bifilar, single braid — Product standard*

EN 3375-004, *Aerospace series — Cables, electrical, for signal data transmissions — Part 004: Cables, bifilar, double braid — Product standard*

EN 3375-005, *Aerospace series — Cables, electrical, for signal data transmissions — Part 005: Cables, bifilar, double braid, high immunity — Product standard*

MIL-A-8243D, *Anti-icing and deicing-defrosting fluids*²⁾

MIL-C-25769J, *Cleaning compound, aircraft surface, alkaline water base*²⁾

MIL-C-39029/91A; *Contacts, electrical, connector, concentric, twinax, socket, shielded, size 8*²⁾

MIL-H-5606E, *Hydraulic fluid, petroleum base, aircraft, missile and ordnance*²⁾

MIL-I-81969/14, *Installing and removal tools, connector electrical contact, type III, class 2, composition B*²⁾

MIL-L-7808J, *Lubricating oil, aircraft turbine engine, synthetic base, NATO code number 0-148*²⁾

MIL-L-7870A, *Lubricating oil, general purpose, low temperature*²⁾

MIL-L-23699C, *Lubricating oil, aircraft turbine engines, synthetic base*²⁾

SAE AS 1241A, *Fire resistant phosphate ester hydraulic fluid for aircraft (March 83)*³⁾

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2) Published by: Department of Defense (DOD), the Pentagon, Washington DC 20301 USA.

3) Published by Society of Automotive Engineers, Inc. (SAE), 400 Commonwealth Drive Warrendale, PA 15096-0001.