



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 3155-014:2006

ICS 49.060

**AEROSPACE SERIES - ELECTRICAL
CONTACTS USED IN ELEMENTS OF
CONNECTION - PART 014: CONTACTS,
ELECTRICAL, MALE, TYPE A, CRIMP, CLASS
S - PRODUCT STANDARD**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:
7 February 2007*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 3155-014

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2006

ICS 49.060

English Version

Aerospace series - Electrical contacts used in elements of connection - Part 014: Contacts, electrical, male, type A, crimp, class S - Product standard

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 014 : Contacts électriques, mâles, type A, à sertir, classe S - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 014: Elektrische Stiftkontakte, Typ A, crimpbar, Klasse S - Produktnorm

This European Standard was approved by CEN on 28 September 2006.

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Foreword

This document (EN 3155-014:2006) 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 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of an identical text or by endorsement, at the latest by June 2007, and conflicting national standards shall be withdrawn at the latest by June 2007.

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EN 3155-014:2006 (E)

Introduction

The contacts defined by this standard are derived from those of SAE-AS39029/64 and, intermateable with those of SAE-AS39029/63. They are specified as a 200 °C class instead of 125 °C class as detailed in the MIL standard.

1 Scope

This standard specifies the required characteristics, tests and tooling applicable to male electrical contacts 014, 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 female contacts are defined in EN 3155-015.

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.*

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.*

EN 3155-015, *Aerospace series — Electrical contacts used in elements of connection — Part 015: Contacts, electrical, female, type A, crimp, class S — Product standard.*

MIL-DTL-22520, *Crimping tools, terminal, hand or power actuated, wire termination, and tool kits general specification for.* ²⁾

MIL-I-81969, *Installing and removal tools, connector electrical contact, general specification for.* ²⁾

SAE-AS39029, *Contacts, electrical connector, general specification for.* ³⁾

* All its parts quoted in Table 7.

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

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

3) Published by: Society of Automotive Engineering (SAE), 400 Commonwealth Drive, Warrendale, PA 15096, USA.

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