



**NSAI**  
Standards

Irish Standard  
I.S. EN 3155-083:2015

Aerospace series - Electrical contacts used in elements of connection - Part 083: Contact, electrical, female, type A, crimp, class S, size 8 - Product standard

**I.S. EN 3155-083:2015**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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## National Foreword

I.S. EN 3155-083:2015 is the adopted Irish version of the European Document EN 3155-083:2015, Aerospace series - Electrical contacts used in elements of connection - Part 083: Contact, electrical, female, type A, crimp, class S, size 8 - Product standard

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EUROPEAN STANDARD

EN 3155-083

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2015

ICS 49.060

Supersedes EN 3155-066:2013

English Version

**Aerospace series - Electrical contacts used in elements of  
connection - Part 083: Contact, electrical, female, type A,  
crimp, class S, size 8 - Product standard**

Série aérospatiale - Contacts électriques utilisés dans  
les organes de connexion - Partie 083: Contacts  
électriques, femelles, type A, à sertir, classe S, taille 8 -  
Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur  
Verwendung in Verbindungselementen - Teil 083:  
Elektrische Buchsenkontakte, Typ A, crimpbar, Klasse  
S, Größe 8 - Produktnorm

This European Standard was approved by CEN on 8 June 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## **European foreword**

This document (EN 3155-083:2015) 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 April 2016, and conflicting national standards shall be withdrawn at the latest by April 2016.

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.

This document supersedes EN 3155-066:2013.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**EN 3155-083:2015 (E)****Introduction**

This European Standard specifies the characteristics of female crimp contacts.

Furthermore, this standard replaces the former product standard EN 3155-066.

**1 Scope**

This European Standard specifies the required characteristics, tests and tooling applicable to female electrical contacts, type A, crimp, class S, size 8, 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 3155-065.

The herein specified female contact shall be intermateable and compatible with the interface dimensions of the standard EN 3155-065.

**2 Normative references**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

EN 2591 (all parts), *Aerospace series — Element 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 3155-065, *Aerospace series — Electrical contacts used in elements of connection — Part 065: Contacts, electrical, male, type A, crimp, class S, size 8 — Product standard*

EN 3645-001, *Aerospace series — Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperatures 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 4165-001, *Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 001: Technical specification*

ISO 8843, *Aircraft — Crimp-removable contacts for electrical connectors — Identification system* <sup>1)</sup>

SAE-AS22520, *Crimping tools, wire termination, general specification for* <sup>2)</sup>

SAE-AS22520/23, *Crimping tools, terminal, hand or power actuated, wire termination: pneumatic tool for wire barrel sizes 0000 through 8* <sup>2)</sup>

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1) Published by: ISO International Organization for Standardization <http://www.iso.ch/>



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