



SLOVENSKI STANDARD
oSIST prEN 3155-015:2024
01-november-2024

**Aeronavtika - Električni kontakti za uporabo v veznih elementih - 015. del:
Kontakti, električni, ženski, tip A, nagubani, razred S - Standard za proizvod**

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

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen -
Teil 015: Elektrische Buchsenkontakte, Typ A, crimpbar, Klasse S - Produktnorm

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

Ta slovenski standard je istoveten z: prEN 3155-015

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ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 3155-015

September 2024

ICS 49.060

Will supersede EN 3155-015:2019

English Version

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

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 015 : Contacts électriques, femelles, type A, à sertir, classe S - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 015: Elektrische Buchsenkontakte, Typ A, crimpbar, Klasse S - Produktnorm

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 3155-015:2024) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 3155-015:2019.

prEN 3155-015:2024 includes the following significant technical changes with respect to EN 3155-015:2019:

- Figure 2: Update of the transition definition between crimp barrel and barrel shoulder for contact size 2020 to ensure a smoother transition.

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prEN 3155-015:2024 (E)

1 Scope

This document specifies the required characteristics, tests and tooling applicable to female electrical contacts 015, type A, crimp, class S, used in elements of connection specified in EN 3155-002.

It is used together with EN 3155-001.

The associated male contacts are specified in EN 3155-014.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2083, *Aerospace series — Copper and copper alloys conductors for electrical cables — Product standard*

EN 2591-101, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 101: Visual examination*

EN 2591-102, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 102: Examination of dimensions and mass*

EN 2591-201, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 201: Contact resistance — Low level*

EN 2591-202, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 202: Contact resistance at rated current*

EN 2591-203, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 203: Electrical continuity at microvolt level*

EN 2591-204, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 204: Discontinuity of contacts in the microsecond range*

EN 2591-206, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 206: Measurement of insulation resistance*

EN 2591-207, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 207: Voltage proof test*

EN 2591-210, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 210: Electrical overload*

EN 2591-211, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 211: Capacitance*

EN 2591-212, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 212: Surface transfer impedance*

EN 2591-213, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 213: Shielding effectiveness from 100 MHz to 1 GHz*

EN 2591-220, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 220: Contact/conductor joint ageing by current and temperature cycling*