



**SLOVENSKI STANDARD**  
**oSIST prEN 3155-045:2024**  
**01-maj-2024**

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**Aeronavtika - Električni kontakti za uporabo v spojnih elementih - 045. del:  
Kontakti, električni, ženski, tip A, dvojno stiskanje, razred T - Standard za proizvod**

Aerospace series - Electrical contacts used in elements of connection - Part 045:  
Contacts, electrical, female, type A, double crimping, class T - Product standard

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen -  
Teil 045: Elektrische Buchsenkontakte, Typ A, doppelt gecrimpt, Klasse T - Produktnorm

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie  
045 : Contacts électriques, femelles, type A, double sertissage, classe T - Norme de  
produit

**Ta slovenski standard je istoveten z: prEN 3155-045**

<https://standards.iteh.ai/catalog/standards/sist/ea67e59a-fa6c-467b-a607-21cf288a3ba3/osist-pren-3155-045-2024>

**ICS:**

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems
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**oSIST prEN 3155-045:2024**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 3155-045**

November 2023

ICS 49.060

Will supersede EN 3155-045:2019

English Version

**Aerospace series - Electrical contacts used in elements of connection - Part 045: Contacts, electrical, female, type A, double crimping, class T - Product standard**

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 045: Elektrische Buchsenkontakte, Typ A, doppelt gecrimpt, Klasse T - 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 3155-045:2023) 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 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 3155-045:2019.

prEN 3155-045:2023 includes the following significant technical changes with respect to EN 3155-045:2019:

- normative references updated;
- figure of colour identification bands corrected in Table 2;
- document editorially revised.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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**prEN 3155-045:2023 (E)****1 Scope**

This document specifies the required characteristics, tests and tooling applicable to female electrical contacts 045, type A, double crimping, class T, used in elements of connection according to EN 3155-002.

It is used together with EN 3155-001.

The associated male contact is specified in EN 3155-044.

Double crimping contact has a barrel which is designed to crimp conductor and jacket of cable in two locations, one on the conductor and the other on the jacket. This way it protects the conductor from mechanical strengths.

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

EN 2997-001, *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 001: Technical specification*

EN 3155-001:2016, *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 4434, *Aerospace series — Copper or copper alloy lightweight conductors for electrical cables — Product standard (Normal and tight tolerances)*

ISO 8843, *Aircraft — Crimp-removable contacts for electrical connectors — Identification system*

SAE-AS 22520, *Crimping Tools, Wire Termination, General Specification For*<sup>1</sup>

SAE-AS 81969, *Installing and Removal Tools, Connector Electrical Contact, General Specification for*<sup>1</sup>

<sup>1</sup> Published by: SAE International (US), <https://www.sae.org/>.