SLOVENSKI STANDARD
SIST EN 3155-002:2024

01-november-2024

Aeronavtika - Električni kontakti za uporabo v veznih elementih - 002. del: Seznam in uporaba kontaktov

Aerospace series - Electrical contacts used in elements of connection - Part 002: List and utilization of contacts

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 002: Liste und Verwendung der Kontakte

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 002 : Liste et utilisation des contacts

Ta slovenski standard je istoveten z: **EN 3155-002:2024**

ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

SIST EN 3155-002:2024 **en,fr,de**

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English Version

Aerospace series - Electrical contacts used in elements of connection - Part 002: List and utilization of contacts

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 002 : Liste et utilisation des contacts

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This European Standard was approved by CEN on 12 May 2024.

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

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

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European foreword

This document (EN 3155-002:2024) 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 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of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3155-002:2011.

This document includes the following significant technical changes with respect to EN 3155-002:2011:

— deletion of reference to EN 4607-001 in Clause 2 and Table 1;

— addition of Clause 3;

— addition of various contacts and contact type quadrax to Table 1;

— Table 1 “List of contacts”: association to connector series EN 3645 added for designations EN 3155-008M1010 and EN 3155-009F1010.

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.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document provides a list of removable crimped contacts as specified in the product standards, with wrapped or soldered connections, etc. for use in connectors or other electrical elements of connection. It shows the elements of connection in which they are used.

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 2593-001, *Aerospace series — Bases for 10 A electromagnetic plug-in relays, two and four poles double thrown — Part 001: Technical specification*

EN 2995 (all parts), *Aerospace series — Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A*

EN 2996 (all parts), *Aerospace series — Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A*

EN 2997 (all parts), *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*

EN 3155 (all parts), *Aerospace series — Electrical contacts used in elements of connection*

EN 3155-001:2016, *Aerospace series — Electrical contacts used in elements of connection — Part 001: Technical Specification*

EN 3218 (all parts), *Aerospace series — Connectors, rectangular, with metallic shells and screw-locking*

EN 3372 (all parts), *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures −65 °C to 175 °C or 200 °C continuous*

EN 3545 (all parts), *Aerospace series — Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures −55 °C to 175 °C*

EN 3645 (all parts), *Aerospace series — Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous*

EN 3646 (all parts), *Aerospace series — Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous*

EN 3682 (all parts), *Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous*

EN 3708 (all parts), *Aerospace series — Modular interconnection systems — Terminal junction systems*

EN 4165 (all parts), *Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous*

EN 4644 (all parts), *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous*