SLOVENSKI STANDARD
oSIST prEN 2267-002:2024

01-junij-2024

Aeronavtika - Električni kabli za splošno uporabo - Delovne temperature med –55 °C in 260 °C - 002. del: Splošno

Aerospace series - Cables, electrical, for general purpose - Operating temperatures between - 55 °C and 260 °C - Part 002: General

Luft- und Raumfahrt - Leitungen, elektrisch, für allgemeine Verwendung - Betriebstemperaturen zwischen -55 °C und 260 °C - Teil 002: Allgemeines

Série aérospatiale - Câbles, électriques, d'usage général - Températures de fonctionnement comprises entre -55 °C et 260 °C - Partie 002: Généralités

Ta slovenski standard je istoveten z: **prEN 2267-002**

ICS:

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

oSIST prEN 2267-002:2024 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN 2267-002

April 2024

ICS 49.060

Will supersede EN 2267-002:2015

English Version

Aerospace series - Cables, electrical, for general purpose - Operating temperatures between - 55 °C and 260 °C - Part 002: General

Série aérospatiale - Câbles, électriques, d'usage général - Températures de fonctionnement comprises entre -55 °C et 260 °C - Partie 002: Généralités

Luft- und Raumfahrt - Leitungen, elektrisch, für allgemeine Verwendung - Betriebstemperaturen zwischen -55 °C und 260 °C - Teil 002: Allgemeines

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.

CEN members are the national standards bodies of 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 United Kingdom.

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

Ref. No. prEN 2267-002:2024 E

Contents

Page

European foreword

This document (prEN 2267-002:2024) 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 document is currently submitted to the CEN Enquiry.

This document will supersede EN 2267-002:2015.

prEN 2267-002:2024 includes the following significant technical changes with respect to EN 2267-002:2015:

— EN 2267-002 (P5), 07/2015 — In subclause 5.2.1; added: “The calculated mass for multicore cables with this factor is predominant on the individual mass of the single core inside. Hence, the mass of the individual core could exceed the maximal mass of the single core specification.”.

1 Scope

This document specifies the list of product standards and common characteristics of electrical cables for use in the on-board electrical systems of aircraft at operating temperatures between −55 °C and 260 °C (except otherwise specified in product standards).

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 or copper alloy conductors for electrical cables — Product standard*

EN 2084, *Aerospace series — Cables, electrical, general purpose, with conductors in copper or copper alloy — Technical specification*

EN 2235, *Aerospace series — Single and multicore electrical cables, screened and jacketed — Technical specification*

EN 2267-003, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between - 55 °C and 260 °C — Part 003: Ink jet printable — Product standard*

EN 2267-004,[1] *Cables, electrical, for general purpose — Operating temperatures between −55 °C and 260 °C — Part 004: CO_2 laser printable — Product standard*

EN 2267-005, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between - 55 °C and 260 °C — Part 005: UV laser printable — Product standard*

EN 2267-006,[2] *Cables, electrical, for general purpose — Operating temperatures between −55 °C and 260 °C — Part 006: YAG X3 laser printable — Product standard*

EN 2267-007, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between - 55 °C and 260 °C — Part 007: DMA family, single ink-jet printable and multicore assembly — Product standard*

EN 2267-008, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between - 55 °C and 260 °C — Part 008: DM family, single UV laser printable and multicore assembly — Product standard*

EN 2267-009, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between -55 °C and 260 °C — Part 009: DRA family, single and multicore assembly — Product standard*

EN 2267-010, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between -55 °C and 260 °C — Part 010: DR family, single UV laser printable — Product standard*

EN 2267-011, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between -65 °C and 260 °C — Part 011: DZA family, single and multicore assembly for use in low pressure atmosphere — Product standard*

---

[1] Published as ASD-STAN Standard at the date of publication of this document, available at: https://www.asd-stan.org/.

[2] Published as ASD-STAN Standard at the date of publication of this document, available at: https://www.asd-stan.org/.