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Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 065: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self-locking - Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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See Eesti standard EVS-EN 3660-065:2022 sisaldab Euroopa standardi EN 3660-065:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 3660-065:2022 consists of the English text of the European standard EN 3660-065:2022.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 04.05.2022.	Date of Availability of the European standard is 04.05.2022.
Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

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ICS 49.060

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3660-065

May 2022

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Supersedes EN 3660-065:2016

English Version

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 065: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self-locking - Product standard

Série aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 065 : Raccord, type K, coudé à 90°, blindé, étanche, pour manchon thermorétractable, à freinage interne - Norme de produit

Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 065: Endgehäuse, Bauform K, 90°, für wärmeschrumpfende Bauteile, Schirmanschluß, abgedichtet, selbstsichernd - Produktnorm

This European Standard was approved by CEN on 2 September 2019.

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.

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European foreword

This document (EN 3660-065:2022) 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-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 November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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.

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1 Scope

This document defines a range of cable outlets, style K, 90°, shielded, sealed, self-locking (anti rotational) for heat shrinkable boot, and or with metallic bands under the following conditions.

The mating connectors are listed in EN 3660-002.

Temperature range,	Class N	:	−65 °C to 200 °C;
	Class K	:	−65 °C to 260 °C;
	Class W	:	−65 °C to 175 °C;
	Class T	:	−65 °C to 175 °C (Nickel PTFE plating);
	Class Z	:	−65 °C to 175 °C (Black zinc nickel plating).

Associated electrical accessories: EN 3660-033 Metallic band (for shield termination).

These cable outlets are designed for termination of overall shielding braid and/or individual cable shields. They accommodate/permit the termination of heat shrinkable boots.

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 2591, *, Aerospace series — Elements of electrical and optical connection — Test methods

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 3660-001, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 001: Technical specification*

EN 3660-002, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 002: Index of product standards*

EN 3660-033, Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 033: Stainless steel banding band, style Z, for attachment of individual and/or overall screens to cable outlets — Product standard[1]

EN 60529, *Degrees of protection provided by enclosures (IP Code)*

AS85049, *Connector accessories, electrical general specification for*[2]

DIN 82, *Knurling*

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* All its parts quoted in this document.

1 Published as ASD-STAN Standard at the date of publication of this document by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), http://www.asd-stan.org/

2 Published by: National (US) Society of Automotive Engineers (SAE), http://www.sae.org/

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