



NSAI
Standards

Irish Standard
I.S. EN 3660-031:2017

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 031: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed - Product standard

I.S. EN 3660-031:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 3660-031:2017 is the adopted Irish version of the European Document EN 3660-031:2017, Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 031: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed - Product standard

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EUROPEAN STANDARD

EN 3660-031

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2017

ICS 49.060

English Version

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 031:
Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed - Product standard**

Série Aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 031 : Raccord, type K, droit, blindé, étanche, pour manchon thermorétractable - Norme de produit

Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 031: Endgehäuse, Bauform K, gerade, für wärmeschrumpfende Bauteile, Schirmanschluß, abgedichtet - Produktnorm

This European Standard was approved by CEN on 17 April 2017.

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.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 3660-031:2017) 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, 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 2018, and conflicting national standards shall be withdrawn at the latest by March 2018.

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EN 3660-031:2017 (E)**1 Scope**

This European Standard defines a range of cable outlets, style K, straight, shielded, sealed for heat shrinkable boot, for use with memory metal rings 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 200 °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 (Zinc Nickel plating)

Associated electrical accessories : EN 3660-034 memory metal rings (for shield termination backshells).

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

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2591-100*, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

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

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 3660-034, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 034: Memory metal rings, style Z, for the attachment of screens — Product standard*

EN 3909, *Aerospace series — Test fluids and test methods for electrical and optical components and sub-assemblies*

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

* All its parts quoted in this European Standard.

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