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NSAI Standards

Irish Standard
I.S. EN 3660-063:2015

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 063: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking for EN 3645 - Product standard

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I.S. EN 3660-063:2015

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This document is based on:	*Published:*
EN 3660-063:2015	2015-11-04

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2015-11-22	49.060
	NOTE: If blank see CEN/CENELEC cover page

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National Foreword

I.S. EN 3660-063:2015 is the adopted Irish version of the European Document EN 3660-063:2015, Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 063: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking for EN 3645 - Product standard

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3660-063

November 2015

ICS 49.060

Supersedes EN 3660-063:2009

English Version

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 063: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking for EN 3645 - Product standard

Série aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 063 : Raccord type K, droit, blindé, étanche, pour manchon thermorétractable, auto-freiné pour EN 3645 - Norme de produit

Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 063: Endgehäuse, Bauform K, gerade, für wärmeschrumpfende Bauteile, Schirmanschluss, abgedichtet, selbstsichernd für EN 3645 - Produktnorm

This European Standard was approved by CEN on 8 June 2015.

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 COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 3660-063:2015) 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 European 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 May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

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

This document supersedes EN 3660-063:2009.

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

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1 Scope

This European Standard defines a range of cable outlets, style K, straight, shielded, sealed, self-locking (anti-rotational), heat shrinkable boot, and / or metallic bands for use under the following conditions:

Associated electrical connector(s) : EN 3660-002.

NOTE Class N in EN 3660-001 cross refers to class F in EN 3660-063.

Temperature range,	Class F (N)	:	– 65 °C to 200 °C (see note above);
	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 : prEN 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, 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- [1], *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 3645 (series), *Aerospace series — 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*

prEN 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* [2]

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

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

DIN 82, *Knurling*

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1) All its parts quoted in this European Standard.

2) In preparation at the date of publication of this European Standard.

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