

Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors

**Part 062: Cable outlet, style K, 90°, for
heat shrinkable boot, shielded, sealed,
self-locking for EN 3645 — Product
standard**

ICS 49.060

National foreword

This British Standard is the UK implementation of EN 3660-062:2009.

The UK participation in its preparation was entrusted to Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 062: Endgehäuse, Bauform K, 90°, für wärmeschrumpfende Manschette, Schirmanschluß, abgedichtet, selbstsichernd für EN 3645 - Produktnorm

This European Standard was approved by CEN on 20 June 2009.

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Foreword

This document (EN 3660-062:2009) 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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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.

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1 Scope

This European Standard defines a range of cable outlets, style K, 90°, shielded, sealed, self-locking, for heat shrinkable boot, for use under the following conditions:

The mating connectors are listed in EN 3660-002.

Temperature range, Class F	:	– 65 °C to 200 °C;
Class K	:	– 65 °C to 260 °C;
Class W	:	– 65 °C to 175 °C.

Associated electrical accessories : EN 3660-033 Metallic band (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 referenced documents are indispensable for the application 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 2591-100*, *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 3660-001:2006, *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: Metallic band — Product standard* ¹⁾

AS85049A, *Connector accessories, electrical general specification for* ²⁾

DIN 82, *Knurling*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 3660-001:2006 apply.

* As well as all parts of EN 2591 quoted in this standard.

1) In preparation at the date of publication of this standard.

2) Published by: Society of Automotive Engineers, Inc. (SAE), 400 Commonwealth Drive, Warrendale, PA 15096-0001.