BS EN 3660-001:2016

BSI Standards Publication

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

Part 001: Technical specification

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National foreword

This British Standard is the UK implementation of EN 3660-001:2016. It supersedes BS EN 3660-001:2006 which is withdrawn.

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.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

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

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Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 001: Technische Lieferbedingungen

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European foreword

This document (EN 3660-001:2016) 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of an identical text or by endorsement, at the latest by July 2016, and conflicting national standards shall be withdrawn at the latest by July 2016.

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1 Scope

This European Standard defines cable outlet accessories for use with circular and rectangular, electrical and optical connectors on aerospace equipment. These may be sealed or unsealed and include accessories suitable for the suppression of radio frequency and electromagnetic interference.

This European Standard is used in conjunction with circular and rectangular electrical and optical connectors for varying temperature ranges, environmental conditions, fire resistant and non-fire resistant applications as designated in the product standards.

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

EN 9100, *Aerospace series — Quality Management Systems — Requirements for Aviation, Space and Defense Organizations*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

ISO 261, *ISO general purpose metric screw threads — General plan*

ISO 263, *ISO inch screw threads — General plan and selection for screws, bolts and nuts — Diameter range 0.06 to 6 in*

ISO 965-1, *ISO general-purpose metric screw threads — Tolerances — Part 1: Principles and basic data*

IEC 60050-581, *International electrotechnical vocabulary — Electromechanical components for electronic equipment*

MIL-HDBK-454B, *General Guidelines for Electronic Equipment* [2]

1) All parts quoted in Table 3.

2) Published by: DoD National (US) Mil. Department of Defense http://www.defenselink.mil/

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