

Aerospace series — Connectors, rectangular, with metallic shells and screw-locking —

**Part 009: Protective covers for
EN 3218-005 and EN 3218-007
connectors — Product standard**

The European Standard EN 3218-009:2006 has the status of a British Standard

ICS 49.060

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 3218-009:2006.

The UK participation in its preparation was entrusted by Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology, to Subcommittee ACE/6/-/3, Aerospace — Connectors.

A list of organizations represented on ACE/6/-/3 can be obtained on request to its secretary.

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English Version

**Aerospace series - Connectors, rectangular, with metallic shells
and screw-locking - Part 009: Protective covers for EN 3218-005
and EN 3218-007 connectors - Product standard**

Série aérospatiale - Connecteurs rectangulaires à boîtiers
métalliques et à verrouillage par vis - Partie 009 : Bouchons
de vol pour connecteurs EN 3218-005 et EN 3218-007 -
Norme de produit

Luft- und Raumfahrt - Rechtecksteckverbinder mit
metallischem Gehäuse und Schraubverriegelung - Teil 009:
Schutzkappen für EN 3218-005 und EN 3218-007
Steckverbinder - Produktnorm

This European Standard was approved by CEN on 27 February 2006.

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Foreword

This European Standard (EN 3218-009:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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of an identical text or by endorsement, at the latest by October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

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1 Scope

This standard specifies the characteristics of protective covers for rectangular connectors conforming to EN 3218-005 and EN 3218-007 connectors.

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 3218-001, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 001: Technical specification.*

EN 3218-002, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 002: Specification of performance and contact arrangements.*

EN 3218-005, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 005: Plug with non-removable size 22 solder contacts – Product standard.*

EN 3218-007, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 007: Plug with rear-removable size 20 crimp contacts – Product standard.*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 2591-100 apply.

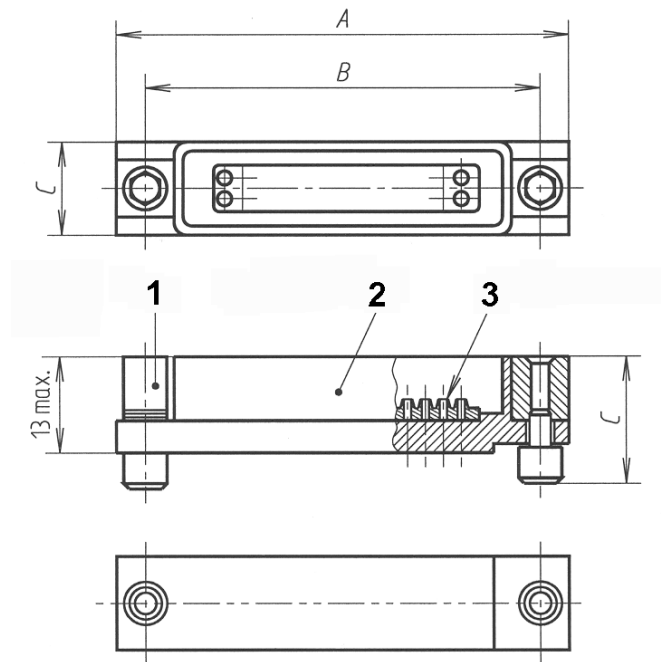
4 Description

Protective covers shall be made of a metallic alloy of the same type and with the same finish as these of the connector on which they mate. The definition of the mating zones is the same as that defined in EN 3218-001.

Surface finish: see EN 3218-002.

Dimensions: see Figure 1 and Table 1.

Dimensions and tolerances are in millimetres.



Key

- 1 Adaptor nut and panel washers
- 2 Receptacle shell
- 3 Sealing pin insert

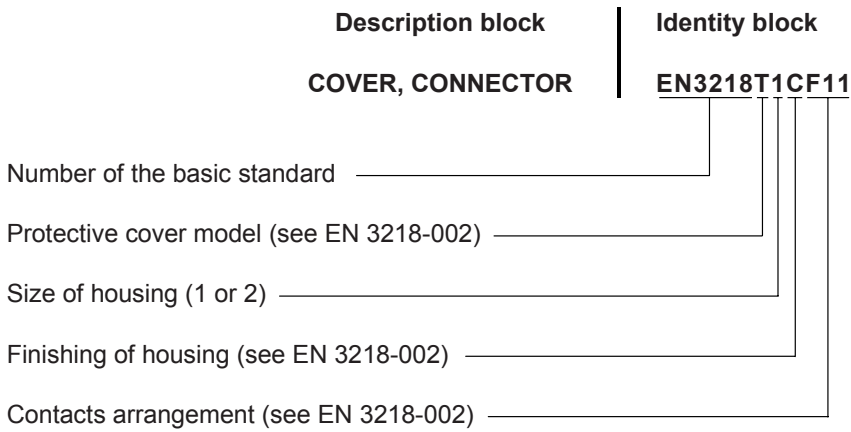
Figure 1

Table 1

	<i>A</i> ± 0,15	<i>B</i> ± 0,20	<i>C</i> ± 0,20
Size 1	50,80	44,45	9,65
Size 2	76,20	69,85	9,65

5 Designation

EXAMPLE



NOTE If necessary, the code I9005 shall be placed between the description block and the identity block.

6 Marking

See EN 3218-001.

7 Technical specification

See EN 3218-001.

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