



# SLOVENSKI STANDARD SIST EN 3218-010:2009

01-julij-2009

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Aerospace series - Connectors, rectangular, with metallic shells and screw-locking - Part 010: Protective covers for EN 3218-006 and EN 3218-008 connectors - Product standard

Luft- und Raumfahrt - Rechtecksteckverbinder mit metallischem Gehäuse und Schraubverriegelung - Teil 010: Schutzkappen für Steckverbinder EN 3218-006 und EN 3218-008 Steckverbinder - Produktnorm

Série aérospatiale - Connecteurs rectangulaires à boîtiers métalliques et à verrouillage par vis - Partie 010 : Bouchons de vol pour connecteurs EN 3218-006 et EN 3218-008 - Norme de produit

**Ta slovenski standard je istoveten z: EN 3218-010:2006**

**ICS:**

49.060 Š^æ\ æš /æ\ [ |b\ æ Aerospace electric  
^|\ dā} æ\ ]!^ { æš Áã c\ ã equipment and systems

**SIST EN 3218-010:2009 en,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 3218-010**

April 2006

ICS 49.060

English Version

**Aerospace series - Connectors, rectangular, with metallic shells  
and screw-locking - Part 010: Protective covers for EN 3218-006  
and EN 3218-008 connectors - Product standard**

Série aérospatiale - Connecteurs rectangulaires à boîtiers  
métalliques et à verrouillage par vis - Partie 010 : Bouchons  
de vol pour connecteurs EN 3218-006 et EN 3218-008 -  
Norme de produit

Luft- und Raumfahrt - Rechtecksteckverbinder mit  
metallischem Gehäuse und Schraubverriegelung - Teil 010:  
Schutzkappen für EN 3218-006 und EN 3218-008  
Steckverbinder - Produktnorm

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

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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



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

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

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## Foreword

This European Standard (EN 3218-010:2006) 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.

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.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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**EN 3218-010:2006 (E)****1 Scope**

This standard specifies the characteristics of protective covers for rectangular connectors conforming to EN 3218-006 and EN 3218-008.

**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 3218-006, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 006: Receptacle with non-removable size 22 solder contacts – Product standard.*

EN 3218-008, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 008: Receptacle with rear-removable size 20 crimp contacts – Product standard.*

**3 Terms and definitions**

[SIST EN 3218-010:2009](https://standards.iteh.ai/catalog/standards/sist/1e6173bf-d1a2-4f99-8556-e1409a72a1b9/sist-en-3218-010-2009)

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[e1409a72a1b9/sist-en-3218-010-2009](https://standards.iteh.ai/catalog/standards/sist/1e6173bf-d1a2-4f99-8556-e1409a72a1b9/sist-en-3218-010-2009)

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

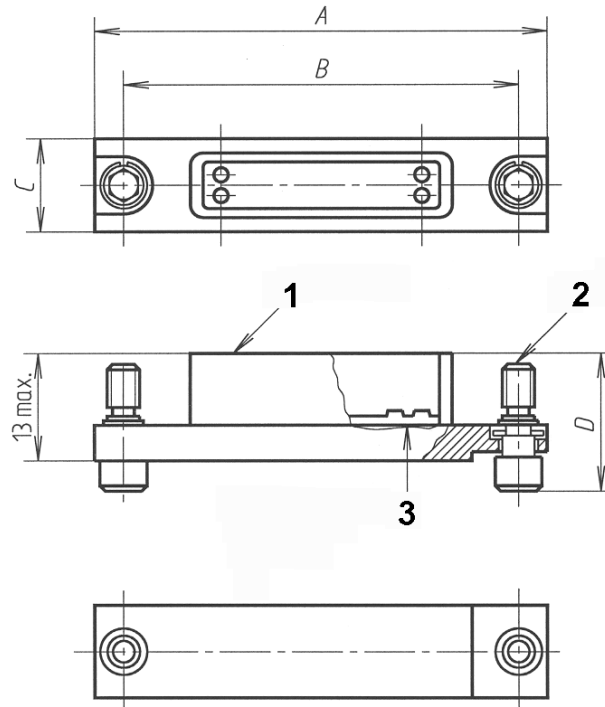
**4 Description**

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.



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**Key**

- 1 Plug shell
- 2 Captive screw
- 3 Interfacial seal "Pin" type

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**Figure 1**

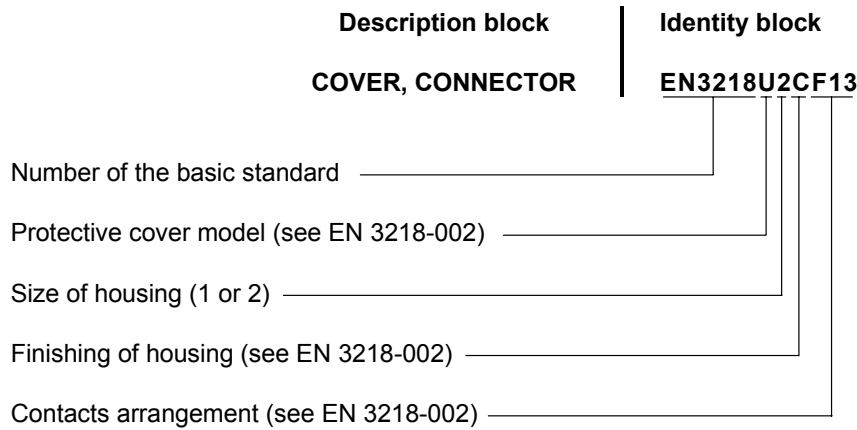
**Table 1**

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

EN 3218-010:2006 (E)

## 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.

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## 7 Technical specification

See EN 3218-001.

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