



SLOVENSKI STANDARD

SIST EN 3218-009:2009

01-julij-2009

Aeronavtika - Konektorji, pravokotni, s kovinskim ohičjem in vijalnim zaklepanjem - 009. del: Zaščitne kape za konektorje EN 3218-005 in EN 3218-007 - Standard za proizvod

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

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

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

Ta slovenski standard je istoveten z: EN 3218-009:2006

ICS:

49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

SIST EN 3218-009:2009

en,de

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EUROPEAN STANDARD

EN 3218-009

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2006

ICS 49.060

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.

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

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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.

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 3218-009:2006 (E)**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

[SIST EN 3218-009:2009](https://standards.it-euh.net/catalog/standards/sist/7bef78eb-5e1e-4a52-a531-ach2e91aee/sist-en-3218-009-2009)

<https://standards.it-euh.net/catalog/standards/sist/7bef78eb-5e1e-4a52-a531-ach2e91aee/sist-en-3218-009-2009>

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

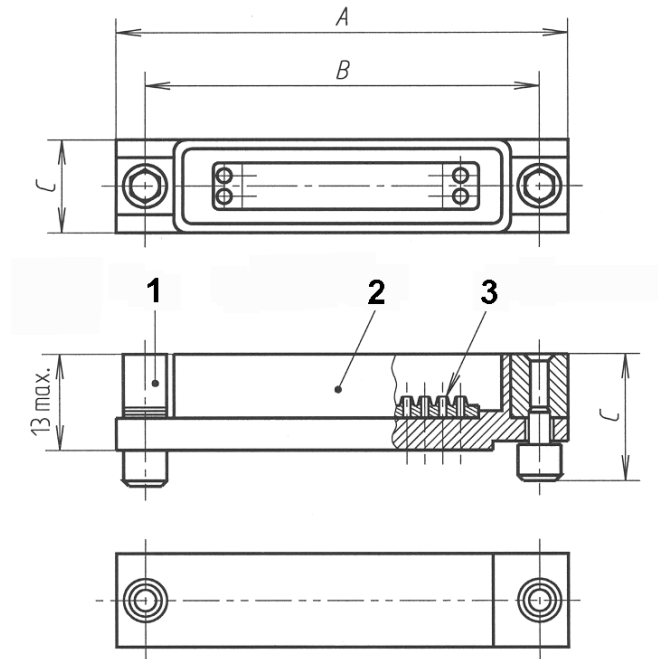
4 Description

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.

**Key**

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

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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

EN 3218-009:2006 (E)

5 Designation

EXAMPLE

Description block		Identity block	
COVER, CONNECTOR		EN3218T1CF11	
Number of the basic standard	_____	EN	3218
Protective cover model (see EN 3218-002)	_____	T	1
Size of housing (1 or 2)	_____	C	F
Finishing of housing (see EN 3218-002)	_____	1	1
Contacts arrangement (see EN 3218-002)	_____		

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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