

**Aerospace series - Connectors,  
electrical, rectangular, modular -  
Operating temperature 175 °C  
continuous - Part 008: Rack and panel  
plug for 2 and 4 modules, series 2 -  
Product standard**

Aerospace series - Connectors, electrical,  
rectangular, modular - Operating temperature 175  
°C continuous - Part 008: Rack and panel plug for 2  
and 4 modules, series 2 - Product standard

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 4165-008:2007 sisaldab Euroopa standardi EN 4165-008:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 31.05.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 4165-008:2007 consists of the English text of the European standard EN 4165-008:2007.</p> <p>This document is endorsed on 31.05.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This standard defines the rack and panel plug for 2 and 4 modules, series 2 used in the family of rectangular electrical connectors. The receptacles corresponding to those plugs are defined in EN 4165-002.</p>	<p><b>Scope:</b> This standard defines the rack and panel plug for 2 and 4 modules, series 2 used in the family of rectangular electrical connectors. The receptacles corresponding to those plugs are defined in EN 4165-002.</p>
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ICS 49.060

Võtmesõnad:

ICS 49.060

English Version

**Aerospace series - Connectors, electrical, rectangular, modular -  
Operating temperature 175 °C continuous - Part 008: Rack and  
panel plug for 2 and 4 modules, series 2 - Product standard**

Série aérospatiale - Connecteurs électriques modulaires -  
Températures d'utilisation 175 °C continu - Partie 008 :  
Fiches de rack 2 et 4 modules, série 2 - Norme de produit

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder  
in modularer Bauweise - Betriebstemperatur 175 °C  
konstant - Teil 008: Freier Einschub- und  
Gehäusesteckverbinder mit 2 und 4 Modulen, Serie 2 -  
Produktnorm

This European Standard was approved by CEN on 30 September 2005.

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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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, 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.



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## Foreword

This document (EN 4165-008:2007) 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 October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

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 standard defines the rack and panel plug for 2 and 4 modules, series 2 used in the family of rectangular electrical connectors. The receptacles corresponding to those plugs are defined in EN 4165-002.

## 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 2424, *Aerospace series – Marking of aerospace products.*

EN 4165-001, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification.*

EN 4165-002, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements.*

EN 4165-021, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 021: Coupling system keyway for plug – Product standard.*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4165-001 apply.

## 4 Required characteristics

See Figure 1 for 2 modules and Figure 2 for 4 modules.