

**Aerospace series - Connectors, electrical, rectangular,
modular - Operating temperature 175 °C continuous -
Part 025: Module receptacle - Product Norm**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 4165-025:2011 sisaldab Euroopa standardi EN 4165-025:2011 ingliskeelset teksti.	This Estonian standard EVS-EN 4165-025:2011 consists of the English text of the European standard EN 4165-025:2011.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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ICS 49.060

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English Version

**Aerospace series - Connectors, electrical, rectangular, modular -
Operating temperature 175 °C continuous - Part 025: Module
receptacle - Product Norm**

Série Aérospatiale - Connecteurs électriques
rectangulaires, modulaires d'utilisation température 175 °C
continu - Partie 025: Embase mono-module - Norme de
produit

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder
in Modularer Bauweise - Betriebstemperatur 175 °C
konstant - Teil 025: Fester teckverbinder, für ein Modul -
Produktnorm

This European Standard was approved by CEN on 24 September 2011.

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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Required characteristics	4
5 Designation	23
6 Marking	25
7 Technical specification	25
8 Mounting example	25

Foreword

This document (EN 4165-025:2011) 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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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1 Scope

This European Standard defines the single module receptacle used in the family of rectangular electrical connectors. The receptacle corresponding to this plug is defined in EN 4165-024. Accessories and protective cover corresponding to those plugs are defined in EN 4165-026. The cavity of this connector is uncoded, so it can accept polarized modules N, A, B, C and D as 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 4165-024, *Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 024: Single module plug — Product standard*

EN 4165-026, *Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 026: Accessories for single modules — 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

4.1 Single module flange receptacle design (short receptacle) Type 0

Dimensions and positions of keying polarization, see Clause 5.

See Figures 1, 2, 3 and 4.

Mass = 6 g max.