

<b>STN</b>	<b>Letectvo a kozmonautika. Elektrické modulové konektory obdĺžnikové pre trvalú prevádzkovú teplotu 175 °C. Časť 027: Odzadu upevnená zasúvací a panelová zástrčka, dva a štyri moduly, séria 3. Norma na výrobok.</b>	<b>STN EN 4165-027</b>  31 1753
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Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 027: Rack and panel rear mounted plug for 2 and 4 modules, series 3 - Product standard

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/16

Obsahuje: EN 4165-027:2015

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

**EN 4165-027**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2015

ICS 49.060

English Version

**Aerospace series - Connectors, electrical, rectangular,  
modular - Operating temperature 175 °C continuous - Part  
027: Rack and panel rear mounted plug for 2 and 4  
modules, series 3 - Product standard**

Série aérospatiale - Connecteurs électriques  
rectangulaires modulaires - Température d'utilisation  
175 °C continu - Partie 027 : Fiches de rack à fixations  
inversées 2 et 4 modules, série 3 - Norme de produit

Luft- und Raumfahrt - Elektrischer  
Rechtecksteckverbinder in modularer Bauweise -  
Betriebstemperatur 175 °C konstant - Teil 027: Freier  
rückseitiger Einschub- und Gehäusesteckverbinder mit  
2 und 4 Modulen, Serie 3 - Produktnorm

This European Standard was approved by CEN on 8 June 2015.

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

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## European foreword

This document (EN 4165-027:2015) 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 European 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 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

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

## 1 Scope

This European Standard defines the rack and panel rear mounted plug 2 and 4 modules, series 3 used in the family of rectangular electrical connectors. The receptacles corresponding to those plugs are defined in EN 4165-002.

The protective covers corresponding to those plugs are defined in prEN 4165-019.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*

prEN 4165-019, *Aerospace series Connectors, electrical, rectangular, modular Operating temperature 175 °C continuous — Part 019: Protective cover for plug, for 2 or 4 modules series 2 and series 3 Product Standard*

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**