

<b>STN</b>	<b>Letectvo a kozmonautika. Obdĺžnikové elektrické a optické modulové konektory s obdĺžnikovými vložkami pre trvalú prevádzkovú teplotu 175 °C (alebo 125 °C). Časť 141: Vidlica veľkosti 4 pre rackové a panelové aplikácie, trieda C a D. Norma na výrobok.</b>	<b>STN EN 4644-141</b>
		31 1916

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 C (or 125 C) continuous - Part 141: Size 4 plug for rack and panel applications, class C and D - 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. 10/16

Obsahuje: EN 4644-141:2016

Oznámením tejto normy sa ruší  
STN EN 4644-141 (31 1916) z marca 2012

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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 4644-141**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2016

ICS 49.060; 49.090

Supersedes EN 4644-141:2011

English Version

**Aerospace series - Connector, electrical and optical,  
rectangular, modular, rectangular inserts, operating  
temperature 175 °C (or 125 °C) continuous - Part 141: Size  
4 plug for rack and panel applications, class C and D -  
Product standard**

Série aérospatiale - Connecteur, électrique et optique,  
rectangulaire, modulaire, à inserts rectangulaires,  
température de fonctionnement 175 °C (ou 125 °C)  
continu - Partie 141 : Fiche, taille 4 pour applications  
rackables, classes C et D - Norme de produit

Luft- und Raumfahrt - Elektrische und optische  
Rechtecksteckverbinder, modular, rechteckige  
Kontakteinsätze, Dauerbetriebstemperatur 175 °C  
(oder 125 °C) konstant - Teil 141: Freier  
Steckverbinder, Größe 4, für Einschubanwendungen,  
Klassen C und D - Produktnorm

This European Standard was approved by CEN on 27 September 2015.

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

CEN members are the national standards bodies of 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 United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN 4644-141:2016) 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 2016, and conflicting national standards shall be withdrawn at the latest by October 2016.

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.

This document supersedes EN 4644-141:2011.

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 specifies the size 4 plug for rack and panel applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-142.

This size 4 plug connector can also be mated with two size 2 receptacle connectors.

## 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 4644-001, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous — Part 001: Technical specification*

EN 4644-002, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous — Part 002: Specification of performance and contact arrangements*

EN 4644-142, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous — Part 142: Size 4 receptacle for rack and panel application — Product standard*

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