

<b>STN</b>	<b>Letectvo a kozmonautika Prvky elektrických a optických spojení Skúšobné metódy Časť 318: Ohňovzdornosť</b>	<b>STN EN 2591-318</b>  31 1810
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Aerospace series - Elements of electrical and optical connection - Test methods - Part 318: Fire-resistance

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. 01/19

Obsahuje: EN 2591-318:2018

Oznámením tejto normy sa ruší  
STN EN 2591-318 (31 1810) z januára 2001

**127877**

EUROPEAN STANDARD

**EN 2591-318**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2018

ICS 49.060

Supersedes EN 2591-318:1998

English Version

**Aerospace series - Elements of electrical and optical connection - Test methods - Part 318: Fire-resistance**

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essais - Partie 318 : Résistance au feu

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 318: Feuerbeständigkeit

This European Standard was approved by CEN on 13 May 2018.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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**EN 2591-318:2018 (E)**

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## **European foreword**

This document (EN 2591-318:2018) 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of an identical text or by endorsement, at the latest by February 2019, and conflicting national standards shall be withdrawn at the latest by February 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 2591-318:1998.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

**EN 2591-318:2018 (E)****1 Scope**

This European Standard specifies a method of determining fire-resistance of elements of connection.

It shall be used together with EN 2591-100.

**2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2234, *Aerospace series — Cable, electrical, fire resistant — Technical specification*

EN 2591-100, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

EN 2997 (all parts), *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak*

EN 3645 (all parts), *Aerospace series — Connectors, electrical, circular, scoop proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous*

EN 3660 (all parts), *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors*

ISO 2685, *Aircraft — Environmental test procedure for airborne equipment — Resistance to fire in designated fire zones*

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