
Aeronavtika - Odklopniki, enopolni, temperaturno kompenzirani, naznačeni tok od 20 A do 50 A - 004. del: Navojni priključki UNC - Standard za proizvod

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 60 A - Part 004: UNC thread terminals - Product standard

Luft- und Raumfahrt - Schutzschalter, einpolig, temperaturkompensiert, Nennströme von 20A bis 50A - Teil004: UNC-Klemmengewinde - Produktnorm

Série aérospatiale - Disjoncteurs unipolaires compensés en température, intensités nominales 20 A à 50 A - Partie 004 : Bornes à filetage UNC - Norme de produit

Ta slovenski standard je istoveten z: prEN 2794-004

ICS:

49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

oSIST prEN 2794-004:2026

en,fr,de

Sample Document

get full document from standards.iteh.ai

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 2794-004

August 2026

ICS 49.060

Will supersede EN 2794-004:2014

English Version

**Aerospace series - Circuit breakers, single-pole,
temperature compensated, rated currents 20 A to 60 A -
Part 004: UNC thread terminals - Product standard**

Série aérospatiale - Disjoncteurs unipolaires
compensés en température, intensités nominales 20 A
à 50 A - Partie 004 : Bornes à filetage UNC - Norme de
produit

Luft- und Raumfahrt- Schutzschalter, einpolig,
temperaturkompensiert, Nennströme von 20A bis 50A-
Teil004: UNC-Klemmengewinde- Produktnorm

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

© 2026 CEN All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. prEN 2794-004:2026 E

Contents

Page

European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Dimensions and mass.....	4
4.1 Dimensional characteristics	4
4.2 Electrical diagram.....	6
4.3 Mass	6
4.4 Panel cut-out.....	6
5 Characteristics	6
5.1 Material, surface treatment	6
5.2 Mechanical characteristics	6
5.2.1 Fasteners.....	6
5.2.2 Recommended tightening torque of attaching nut for installation	6
5.2.3 Recommended tightening torque of connection hardware for installation	6
5.2.4 Resistance to vibrations	7
5.2.5 Resistance to shocks	7
5.2.6 Mechanical endurance	7
5.3 Environment characteristics	7
5.3.1 Humidity	7
5.3.2 Corrosion	7
5.3.3 Contaminating liquids.....	7
5.3.4 Overvoltage caused by lightning	7
5.4 Electrical characteristics.....	7
5.4.1 Nominal voltage of operational circuits	7
5.4.2 Voltage drop at I_n	8
5.4.3 Minimum and maximum tripping thresholds	8
5.4.4 Overload trip	8
5.4.5 Short-circuit values	8
5.4.6 No-Load and load endurance.....	9
5.4.7 Dielectric rigidity	9
5.4.8 Insulation resistance	10
6 Designation	10
7 Rated current code.....	10
8 Delivery hardware code	11
9 Marking	11
10 Technical specification	11
Bibliography	12

European foreword

This document (prEN 2794-004:2026) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 2794-004:2014.

This document includes the following significant technical changes with respect to EN 2794-004:2014:

- modification of the values of short circuit in Table 5;
- modification of mass from 62 g to 70 g in 4.3;
- modification of the external diameter of the button in Figure 1 from $10,4 \pm 0,5$ to $10,2^{+0,7}_{-0,3}$.

Sample Document

get full document from standards.iteh.ai