

<b>STN</b>	<b>Letectvo a kozmonautika. Trojpólové ističe, tepelne kompenzované, menovitý prúd od 1 A do 25 A. Časť 004: Svorky s UNC závitom. Norma na výrobok.</b>	<b>STN EN 3774-004</b>
		31 1743

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 004: UNC thread terminals - 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. 11/14

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Oznámením tejto normy sa ruší  
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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2014  
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**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 3774-004**

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## English Version

**Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 004: UNC thread terminals - Product standard**

Série aérospatiale - Disjoncteurs tripolaires compensés en température, intensités nominales 1 A à 25 A - Partie 004 : Bornes à filetage UNC - Norme de produit

Luft- und Raumfahrt - Schutzschalter, dreipolig, temperaturkompensiert, Nennströme von 1 A bis 25 A - Teil 004: UNC-Klemmengewinde - Produktnorm

This European Standard was approved by CEN on 12 October 2013.

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

	Page
<b>Contents</b>	
<b>Foreword</b>	<b>3</b>
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Dimensions and mass	5
4.1 Dimensional characteristics	5
4.2 Electrical diagram	6
4.3 Mass	6
4.4 Panel mounting	6
5 Characteristics	6
5.1 Material, surface treatment	6
5.2 Mechanical characteristics	7
5.2.1 Fasteners	7
5.2.2 Recommended tightening torque of attaching nut for installation	7
5.2.3 Recommended tightening torque of connection hardware for installation	7
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	8
5.4.1 Nominal voltage of operational circuits	8
5.4.2 Voltage drop at $I_n$ and low current	8
5.4.3 Minimum and maximum tripping thresholds	8
5.4.4 Overload trip	9
5.4.5 Short-circuit values	9
5.4.6 No-load and load endurance	10
5.4.7 Dielectric rigidity	10
5.4.8 Insulation resistance	10
6 Designation	11
7 Rated current code	11
8 Delivery codes	11
9 Marking	12
10 Technical specification	12

## **Foreword**

This document (EN 3774-004:2014) 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 January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

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 3774-004:1999.

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 characteristics of three-pole circuit breakers, temperature compensated with a rated current from 1 A to 25 A, used in aircraft on-board circuits at a temperature between – 55 °C and 125 °C for ratings ≤ 15 A and – 55 °C to 90 °C for ratings > 15 A and at an altitude of 22 000 m max.

These circuit breakers are operated by a push-pull type single pushbutton (actuator), with delayed action “trip-free” tripping.

They will continue to function up to the short-circuit current.

## 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 2350, *Aerospace series - Circuit breakers - Technical specification*

EN 2996-001, *Aerospace series - Circuit breakers, three-pole, temperature compensated, rated current 1 A to 25 A - Part 001: Technical specification*

EN 3774-001, *Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 2 A to 25 A, switching capacity 25 /n - Part 001: Technical specification*

EN 3841-305, *Aerospace series - Circuit breakers - Test methods - Part 305: Short-circuit performance*

EN 6113, *Aerospace series — Circuit breaker, connecting and attachment hardware* <sup>1)</sup>

TR 6083, *Aerospace series — Cut-outs for installation of electrical components* <sup>2)</sup>

FED-STD-595B, *Colors used in Government Procurement* <sup>3)</sup>

koniec náhl'adu – text d'alej pokračuje v platenej verzii STN

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1) Published as ASD-STAN Prestandard at the date of publication of this standard. <http://www.asd-stan.org/>

2) Published as ASD-STAN Technical Report at the date of publication of this standard. <http://www.asd-stan.org/>

3) Published by: DoD National (US) Mil. Department of Defense. <http://www.defenselink.mil/>