

Letectvo a kozmonautika. Trojpólové ističe, tepelne kompenzované, menovitý prúd od 20 A do 50 A. Časť 004: Svorky s UNC závitom. Norma na výrobok.

STN EN 2665-004

31 1740

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 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.

Obsahuje: EN 2665-004:2013

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#### **English Version**

# Aerospace series - Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A - Part 004: UNC thread terminals - Product standard

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

Luft- und Raumfahrt - Schutzschalter, dreipolig, temperaturkompensiert, Nennströme von 20 A bis 50 A -Teil 004: UNC-Klemmengewinde - Produktnorm

This European Standard was approved by CEN on 28 September 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.

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

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#### **Foreword**

This document (EN 2665-004:2013) 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 June 2014, and conflicting national standards shall be withdrawn at the latest by June 2014.

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 2665-004:1999.

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 20 A to 50 A, used in aircraft on-board circuits at a temperature between – 55 °C and 90 °C at an altitude of 15 000 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 2665-001, Aerospace series — Circuit breakers, three-pole, temperature compensated, rated currents 20 A to 50 A — 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 1)

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

FED-STD-595B, Colors used in Government Procurement 3)

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

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

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

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