

Aerospace series — Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous —

**Part 005: Receptacle, hermetic, square
flange mounting — Product standard**

The European Standard EN 3646-005:2006 has the status of a
British Standard

ICS 49.060

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 3646-005:2006.

The UK participation in its preparation was entrusted by Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology, to Subcommittee ACE/6/-/3, Aerospace — Connectors.

A list of organizations represented on ACE/6/-/3 can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 29 September 2006

© BSI 2006

ISBN 0 580 49190 0

Amendments issued since publication

Amd. No.	Date	Comments

English Version

**Aerospace series - Connectors, electrical, circular, bayonet
coupling, operating temperature 175 °C or 200 °C continuous -
Part 005: Receptacle, hermetic, square flange mounting -
Product standard**

Série aérospatiale - Connecteurs électriques circulaires à
accouplement par baïonnettes, température d'utilisation
175 °C ou 200 °C continu - Partie 005 : Embase
hermétique à fixation par collerette carrée - Norme de
produit

Luft- und Raumfahrt - Elektrische Rundsteckverbinder mit
Bajonettkupplung, Betriebstemperatur 175 °C oder 200 °C
konstant - Teil 005: Hermetischer fester Steckverbinder mit
quadratischem Montageflansch - Produktnorm

This European Standard was approved by CEN on 3 February 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Required characteristics	4
5	Designation	7
6	Marking	7
7	Technical specification.....	8