

BS EN 61109:2008



BSI Standards Publication

**Insulators for overhead lines —
Composite suspension and
tension insulators for a.c. systems
with a nominal voltage greater
than 1 000 V — Definitions, test
methods and acceptance criteria**

National foreword

This British Standard is the UK implementation of EN 61109:2008. It is identical to IEC 61109:2008.

The UK participation in its preparation was entrusted to Technical Committee PEL/36, Insulators for power systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

The attention of users is drawn to the flammability test in Tables 1 and 2 of BS EN 61109:2008, which references BS EN 62217:2005, and is used as an indicator of power arc ignition and extinction performance. The UK Committee is of the opinion that work carried out before and after BS EN 62217:2005 was published shows that the flammability test is not suitable for assessing the power arc performance of insulators. The correlation between performance in different flammability tests, laboratory power arc tests and behaviour in service is currently under investigation by the International Council on Large Electric Systems study committee on Materials and Emerging Technologies (CIGRE SC D1). When applying this standard, users are recommended to consult the power arc tests in ANSI C29.18 or IEC 60099-4 surge arrester specifications in addition to the test in Tables 1 and 2. The ANSI test also usefully includes an end fitting seal test after power arc damage.

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

©BSI 2009

ISBN 978 0 580 67052 7

ICS 29.080.10

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 31 March 2009

Amendments issued since publication

Amd. No.	Date	Text affected
----------	------	---------------
