

Specification for

General requirements for electrical relays up to 10 A rating

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The following BSI references relate to the work on this standard:
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Foreword

This British Standard has been prepared as part of a programme of work to bring the aerospace series of British Standards for relays up to date in relation to present-day and probable future requirements, incorporating experience gained in working to earlier issues of the standards. Account has been taken of the requirements of relevant U.S.A. specifications, and of the work of Technical Committee 20 — Aircraft and Space Vehicles, of the International Organization for Standardization, to establish ISO Recommendations on aircraft relays to facilitate international interchangeability.

The specification is intended to cover relays for use in aircraft without additional enclosure. Sealing tests are included for relays which require hermetic sealing to meet the performance requirements of this standard.

The tests are grouped as type tests, production acceptance tests and quality assurance tests.

This standard requires reference to the following British Standards:

BS 2G 100, *General requirements for electrical equipment and indicating instruments for aircraft.*

- *Part 1: Identification, declarations and construction;*
- *Part 2: Environmental and operating conditions;*
- *Part 3: Characteristics of aircraft electrical systems.*

BS G 176, *Cartridge fuses for aircraft.*

- *Part 2: Cartridge fuses and fuse-links (Type A).*

BS G 177, *Nyvin type electrical cables for aircraft.*

BS 2G 178, *Crimped joints for aircraft electrical cables and wires.*

BS 580, *Trichloroethylene.*

BS 2011, *Methods for the environmental testing of electronic components and electronic equipment.*

- *Part 2K: Salt mist.*

BS 3939, *Graphical symbols for electrical power, telecommunications and electronics diagrams.*

BS 9001, *Sampling procedures and tables for inspection by attributes for electronic parts of assessed quality.*

Obsolescent (by Amendment No. 1)

The need for the equipment covered by this British Standard has been reviewed and it has been decided that, in the interests of rationalization, it should be regarded as obsolescent and not therefore used for new designs. The standard will be withdrawn in due course.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 9 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.