



NZS 1989:1965
Amendments 1 to 4 & Corrigenda
appended

Specification for protected-type non-reversible plugs, socket-outlets, cable-couplers and appliance-couplers, with earthing contacts for single phase alternating current circuits up to 250 volts

This British Standard BS 196:1961 has been adopted by the Standards Council of New Zealand for use in New Zealand, pursuant to the provisions of the Standards Act 1988.

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Specification for

**Protected-type
non-reversible plugs,
socket-outlets
cable-couplers and
appliance-couplers
with earthing
contacts for single
phase a.c. circuits up
to 250 volts**

Co-operating organizations

The Electrical Industry Standards Committee under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- Admiralty
- Air Ministry*
- Associated Offices' Technical Committee
- Association of Consulting Engineers (Incorporated)*
- Association of Supervising Electrical Engineers*
- British Electrical and Allied Industries Research Association*
- British Electrical and Allied Manufacturers' Association*
- British Electrical Development Association
- British Railways, The British Transport Commission
- Cable Makers' Association*
- Crown Agents for Oversea Governments and Administrations*
- Electric Lamp Industry Council
- Electric Light Fittings Association*
- Electrical Contractors' Association (Incorporated)*
- Electrical Contractors' Association of Scotland
- Electricity Council, Generating Board and the Area Boards in England and Wales*
- Electronic Engineering Association
- Engineering Equipment Users' Association*
- Independent Cable Makers' Association
- Institution of Electrical Engineers*
- Ministry of Aviation*
- Ministry of Labour (Factory Inspectorate)*
- Ministry of Power*
- Ministry of Works*
- Municipal Passenger Transport Association
- National Inspection Council for Electrical Installation Contracting
- National Physical Laboratory (D.S.I.R.)*
- Oil Companies Materials Association
- Post Office*
- Public Transport Association (Incorporated)
- South of Scotland Electricity Board
- War Office

This British Standard, having been approved by the Electrical Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 26 July 1961

The Government departments and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the Committee entrusted with the preparation of this standard:

- Electrical Association for Women
- Fire Offices Committee
- Lloyd's Register of Shipping
- Women's Advisory Committee of the BSI

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Foreword

This standard makes reference to the following British Standards:

BS 1361, *Cartridge-fuses for domestic consumers' units.*

BS 1598, *Ceramic materials for telecommunication and allied purposes.*

BS 2004, *PVC-insulated cables and flexible cords for electric power and lighting.*

BS 3042, *Standard test finger (for checking protection against electric shock).*

For some time there has been a general recognition, on the part of manufacturers and users alike, that revision of BS 196 was necessary to meet the ever extending demands of industry.

This revised edition has been prepared in order to include all known requirements and such revisions of text as were deemed necessary. Also the alternative non-reversibility feature included in Appendix I of the previous issue has been incorporated as an essential feature to meet modern regulations.

Other British Standards for plugs and socket-outlets for electric power supply are:

BS 74, *Charging plugs-and-sockets for electric battery vehicles.*

BS 279, *100-ampere flameproof plugs and sockets (restrained type).*

BS 546, *Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors.*

BS 1363, *Two-pole and earthing-pin fused-plugs and shuttered socket-outlets for a.c. circuits up to 250 volts.*

BS 1395, *30-ampere flameproof plugs-and-sockets and cable-couplers.*

BS 1778, *15-ampere three-pin plugs, socket-outlets and connectors (theatre type).*

BS 3214, *Plugs and locking sockets for electric battery vehicles and trucks.*

NOTE Where metric equivalents are stated, the values in British units are to be regarded as the standard. The metric conversions are approximate. More accurate conversions should be based on BS 350, "Conversion factors and tables".

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 54 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.