

Explosive Atmosphere Telephones

These telephones have been designed for use where an accumulation of explosive gases, listed in certain groups of British Standard 229 :1957, may occur under abnormal circumstances.



Tablephone and bell unit

Explosive atmosphere telephones must not be used in locations where there is a risk of an explosive atmosphere occurring in normal circumstances, ie Zones 0 & 1 as described in BS CP1003.

In the interests of safety of Post Office Telecommunications staff, and to enable them to follow the British Code of Practice, it is essential that full information should be made available to Post Office Telecommunications concerning the site and the nature of the hazard.

Conditions to be followed in the use of Explosive Atmosphere Telephones are set out in British Code of Practice CP1003.

Two types of telephone are available ; a table model for indoor use, and a wall model for both indoor use and outdoor situations where limited protection from rain is provided. The wall phone is not suitable for fully exposed positions.

Description

The tablephone, which can be used on either direct exchange lines, or PBX extensions, has a grey metal body with a press button and a black handset. The telephone bell is housed in a separate unit.

The wall-mounted instrument is available in two versions. Both have integral bells and are housed in grey metal cases. The lid opens upwards to give partial protection from rain.

One version of the wallphone, as illustrated, is for use on either direct exchange lines or PBX extensions. This model has a dial and a press button.

The other version, for use on private circuits, has a hand generator in place of a dial, and no press button.

The tablephone, bell unit and wallphone are approved for use in atmospheres listed in Groups II and IIIa of BS229 :1957. Only the wallphone may be used in the atmospheres listed in Group IIIb (Coal gas and Coke Oven gas).

All three telephones and bell unit may only be provided in Zone 2 and safe areas as described in BS CP1003.

Post Office Telecommunications has no telephone apparatus which can be used in the atmospheres listed in Group I (Methane) or Group IV (Acetylene, Carbon disulphide, Ethyl nitrate, Hydrogen and Water Gas) of BS229 :1957.

Dimensions

Tablephone

246mm × 234mm × 152mm
weight 5.66kg

Bell unit

158mm × 158mm × 108mm
weight 3.17kg

Wallphone

342mm × 330mm × 177mm
weight 27.22kg



Wallphone

Please note

We do our best to supply our customers with the apparatus they ask for but we may have to provide apparatus which does not accord exactly with the descriptions and illustrations in this leaflet.

Your Telephone Sales Office will gladly supply any further or more up-to-date information. The address and telephone number are shown in the preface of your telephone directory.