

AGD941

PEDESTRIAN DEMAND UNIT

Customer information

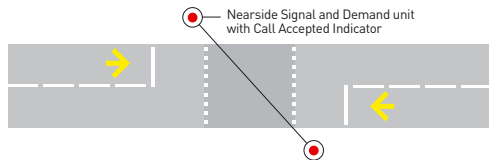
GENERAL

The AGD941 pedestrian demand unit incorporates a call-accepted indicator and is designed for use on Puffin/Toucan pedestrian crossings and should be mounted on the upstream pole in conjunction with AGD940/942 or as a stand alone unit on the downstream pole from the wait area. The AGD941, housed in a robust, aluminum die-cast enclosure with a polycarbonate screen to resist vandalism, is available with either a moving (vandal resist) button or a non-moving (vandal resist) button. The screen legend is available in English, Welsh/English or English/Welsh text.

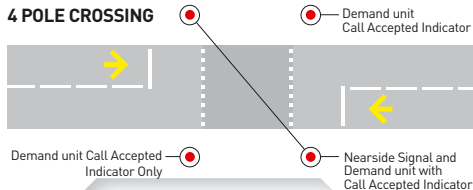


SITE DESIGN CONSIDERATIONS

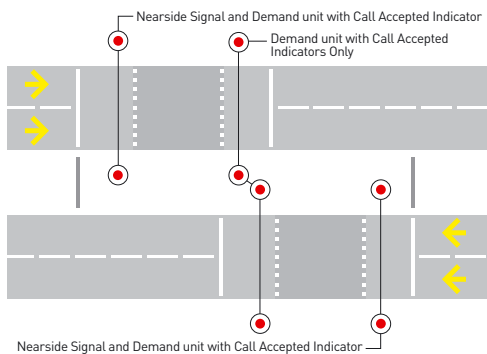
STANDARD CROSSING



4 POLE CROSSING



DUAL CROSSING



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ELECTRICAL CONNECTIONS

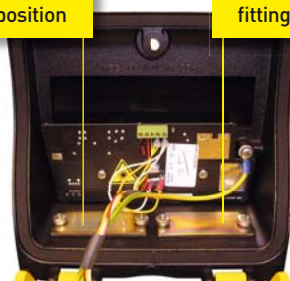
The AGD941 is designed to work around 48V ac. If the controller drops the voltage for night-time environment the unit will auto select the correct light intensity. It is essential that the AGD941 is connected to the correct power supply where connection is made internally. The supply is brought through the back of the unit from the pole to be connected to the screw terminals. Consideration must be given to the multiple grounding of supplies and its effect on the whole system. The standard unit is designed to have a tactile unit fitted in the position shown below.

Should the tactile need to be fitted in the Alternative position (e.g. when the AGD941 is used on a stub pole) then the main terminal block will require repositioning as

described on the Tactile Installation label (shown below as the alternative fitting position).

Default Tactile fitting position

Alternative Tactile fitting position



INSTALLATION

1 Position AGD941 demand unit on the pole within range 0.90m to 1.25m from push button to the ground in line with local authority requirement.

2 Fix to pole using U Bolt provided. Do not tighten fixing bolts fully, ensure slackened off sufficiently to allow for movement. (see drilling template MS-091)

3 Adjust lateral position to a max +/-15 degrees from centre to on site viewing angle required

4 Ensure correctly positioned so that on tightening fixing bolts the foam gasket at rear of enclosure forms a watertight seal.

5 Lock into position by tightening central locking screw preventing sideways movement.

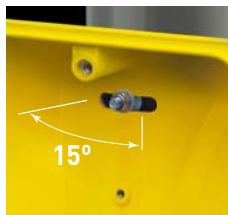
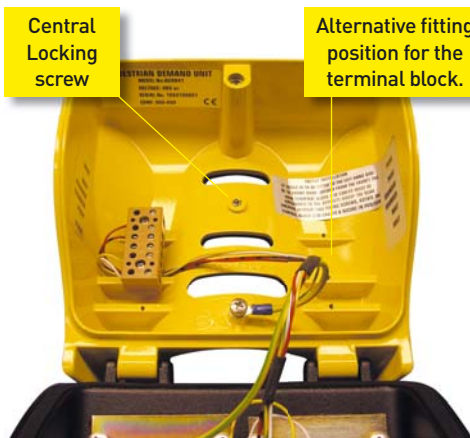
6 Please allow 25mm gap between demand unit and Nearside Signal positioned above for enclosures to open.



Contents of mounting kit including drilling template MS091

Central Locking screw

Alternative fitting position for the terminal block.



■ Lateral adjustment ($\pm 15^\circ$) and central locking screw



■ Wrap-around shape that hugs the mounting pole

The installation should conform to the latest edition of IEE Wiring Regulations