MULTIGUARD Call/Reset Point S1663P

This call point S1663P is designed for use with the MULTIGUARD 2000 patient nurse call system MG311000 and MG311100. In addition to being able to generate a call by pressing the large red button on the facia it is also possible to reset any calls by simultaneously pressing the blue button and the central green button/LED. An emergency recall can also be generated at any time by simultaneously pressing the yellow button and the central green button/LED.
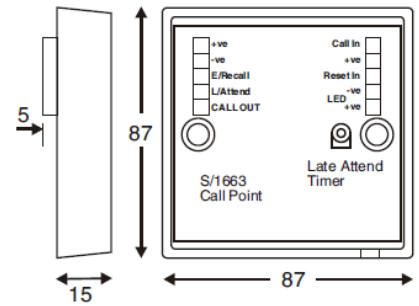
The call point has an integral electronic timer which is started whenever a call is generated. If the call has not been reset within a predetermined period, then a late attendance signal is sent to the control equipment to re-alert staff at the nurse station. The integral timer is adjustable over the range 30 seconds to about 2 minutes and will continue to send the signal at the periodic intervals until the call point has been reset.

Facilities are provided for the connection of auxiliary devices such as:-

a) an external ceiling mounted Pull-Cord with re-assurance LED S1600
b) a handheld pillow push S1631 or other open circuit device
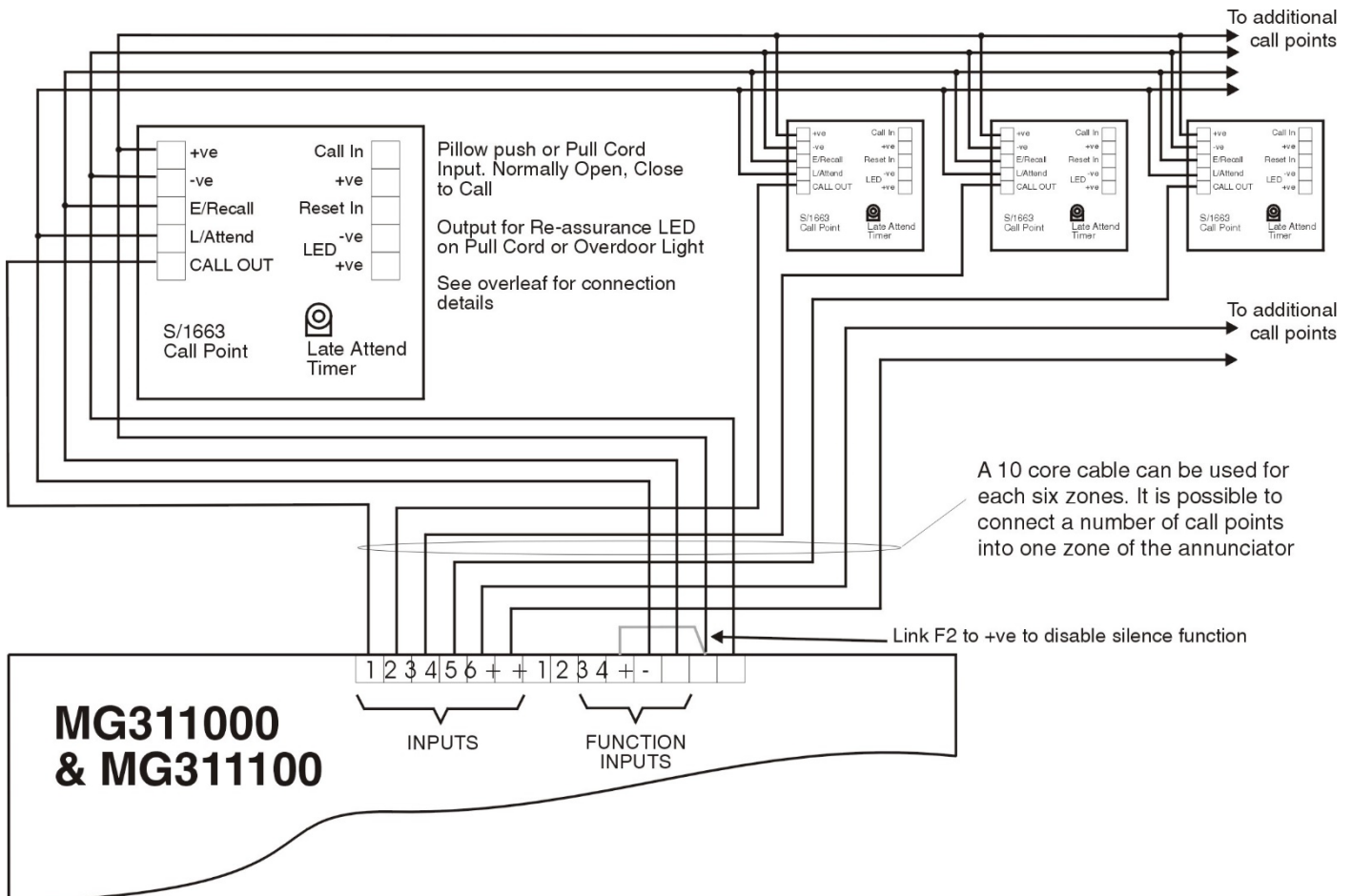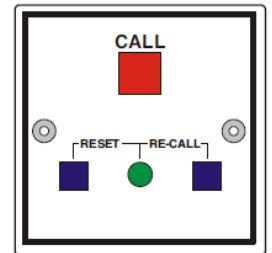c) an overdoor light unit S1636P

Details of these devices and their connection to the call point can be found overleaf.

Note: The MG311XXX controllers is a non-latching device. A pull cord, pillow push or other non-latching call devices cannot be connected directly to the MULTIGUARD MG311XXX controllers without an S1663P call point. The call point provides an electronic latching circuit.
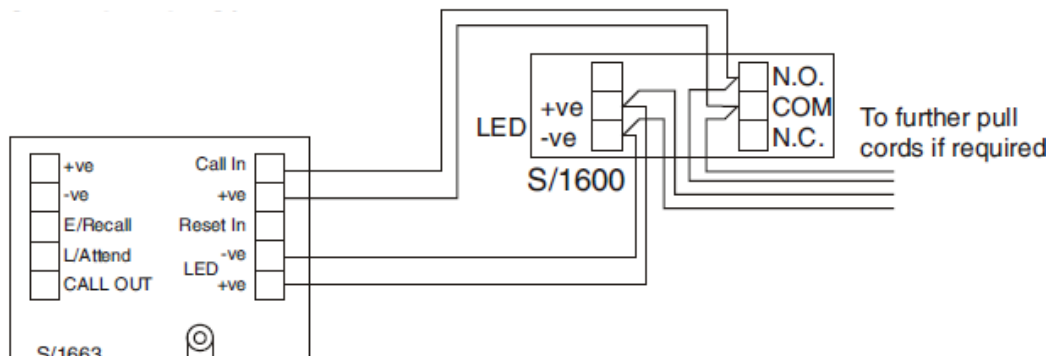

The call point is designed to fit into a standard single gang pattress box or flush mount accessory box. A box of 25mm or greater depth is recommended. Eg. S/1680 or TE55
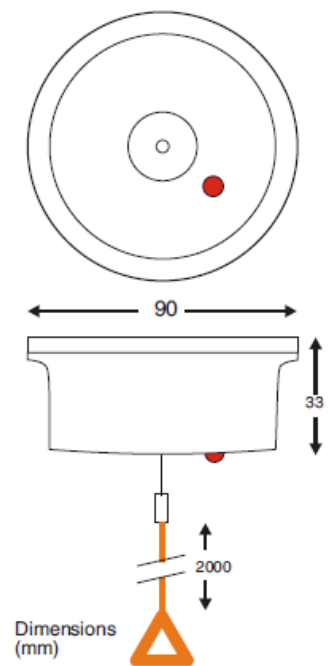
Dimensions (mm)

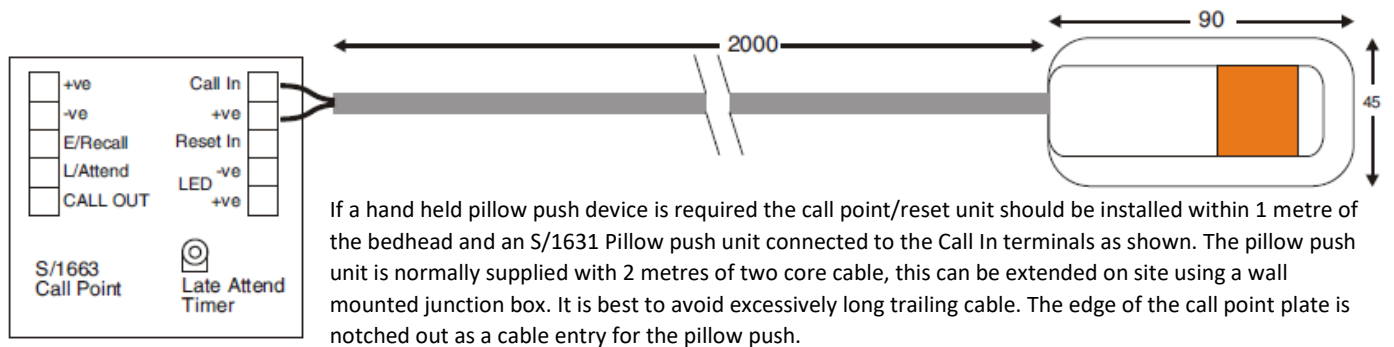DWG 60010

Call Point with S/1600

Ceiling Pull Cord

Up to three ceiling pull cords with re-assurance LEDs can be connected to an S1663P call point/reset unit. Each re-assurance LED draws approximately 15ma. The LED on the pull cord will flash in sympathy with the green LED on the S1663P call point. If more than one is fitted, then both the switch contacts and the LEDs should be connected in parallel.
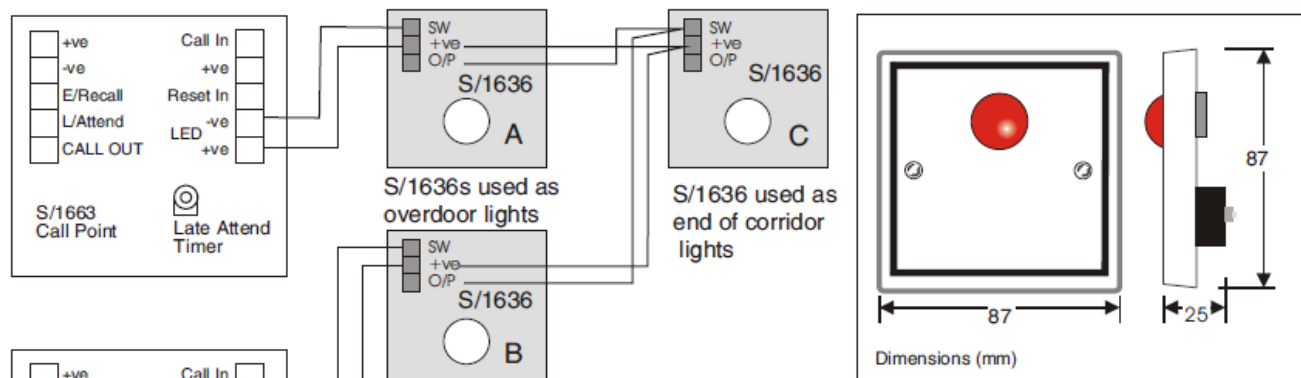
The +ve feed for the LED and the +ve feed for the switch COM are common therefore, a three-core cable could be used if this would be more convenient.

Call Point with S1631 Pillow Push

If a hand held pillow push device is required the call point/reset unit should be installed within 1 metre of the bedhead and an S/1631 Pillow push unit connected to the Call In terminals as shown. The pillow push unit is normally supplied with 2 metres of two core cable, this can be extended on site using a wall mounted junction box. It is best to avoid excessively long trailing cable. The edge of the call point plate is notched out as a cable entry for the pillow push.

Call Point with S/1636 Overdoor Lights

Overdoor or end of corridor indicators can be incorporated on the system if required. A blocking diode is included in each overdoor light to enable a group of overdoor lights to signal onto to an end of corridor light. If a voltage is applied to unit A then both A & C will illuminate, if applied to unit B, then B & C will illuminate. In this way the system can be configured as a *follow the lights* type of system to enable patrolling staff to respond without returning to the panel to verify if any alarm conditions have occurred. Overdoor lights are fabricated on single gang plastic plates for flush or surface mounting.