EVCS-IPB-2

Product Manual

Anti-static handling guidelines

Make sure that electrostatic handling precautions are taken immediately before handling PCBs and other static sensitive components.

Before handling any static-sensitive items, operators should get rid of any electrostatic charge by touching a sound safety earth. Always handle PCBs by their sides and avoid touching any components.

1 Installation

1.1 Mounting The Unit

Firstly, open the door using the thumb turn handle, then remove the outstation plate. The plate can be removed from the back box by removing the 4x screws marked A shown in Figure 1.

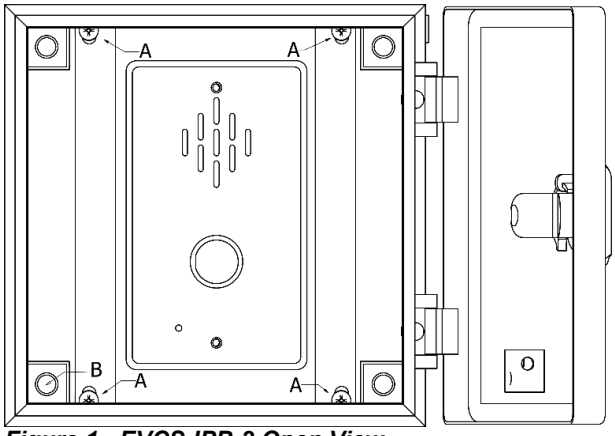

Figure 1 - EVCS-IPB-2 Open View

The enclosure can now be prepared for the cable from the EVC System, this is a 2 core 1.5mm CSA fire rated cable*.

The enclosure does not have any predrilled cable entries or knockouts therefore the installer must decide whether the cable is to enter via the top, bottom or rear of the enclosure whichever best suits the installation.

A suitable cable gland or coupling should be used to fix the cable dependent upon the installation.

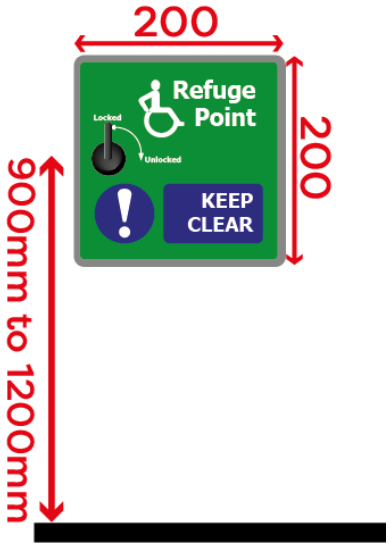

Figure 2 - EVCS-IPB-2 Mounting Height

The Back box can now be mounted by using the 4 x holes marked B. The mounting holes in the enclosure have a weatherproofing grommet pre-fitted, the enclosure should be mounted with a suitable fixing dependent upon the chosen mounting surface, the screw/bolt goes through the grommet, a washer is recommended.

The height of the unit needs to be between 900mm and 1200mm from finished floor level to the centre of the outstation as shown in Figure 2.

1.2 Connections

The 2-core fire resistant cable* should be connected to the Line + and – terminals as shown (the connector is a two part one so it can be removed and terminated before being plugged onto the board).

The Earth should be connected to the earth bar via a screw which is located behind the outstation mounting plate.

The end of line device should be connected in the" EOL out" terminals on the Type B.

The outstation plate can be resecured with the 4 x "A" screws.

When the outstation is correctly wired the confidence Call Button LED flashes on the type B.

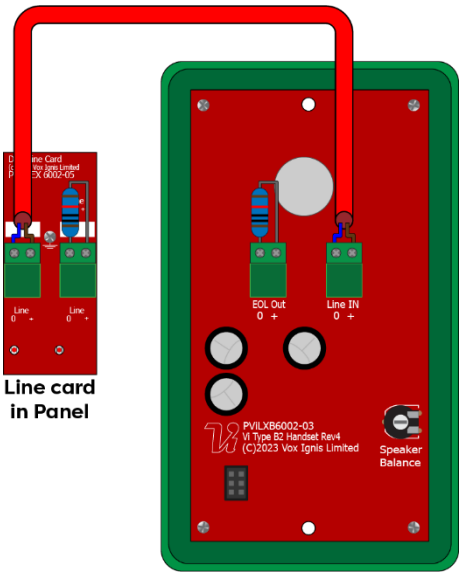

Figure 3 - EVCS-IPB-2 Wiring Connections

2 Operation

To call from the Type B outstation simply open the door and press the green Call Button, the indication will change from green to red this will cause all masters programmed for this line to ring. The call can be ended by pressing the call button again, the indication will revert to flashing green. The call cannot be ended by the master station.
When the master calls, the type B outstation ringer sounds and the button flashes RED, to answer push the call button. To end simply press the call button again.

3 Maintenance

It is a requirement of BS 5839-9:2021 that a maintenance agreement be in place for the EVCS. The maintenance schedule should be as follows:

Frequency	Test
Weekly	Each week test one type B outstation (a different one each week) and ensure speech is clear and intelligible. Ring the outstation to verify the operation of the ringer. Record this in the logbook for the EVCS.
6 Monthly	Every outstation on the system should be tested and the results logged in the logbook.

*Refer to-BS 5839-9:2021 for exceptions.

Honeywell