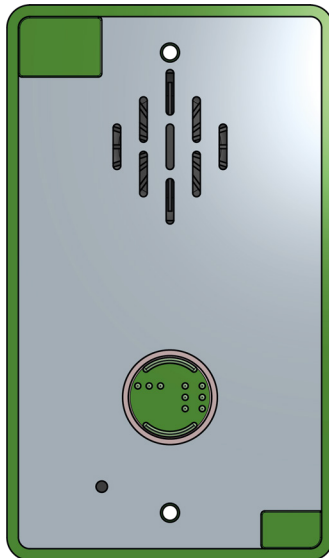




Type B Refuge Outstation Installation Guide





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

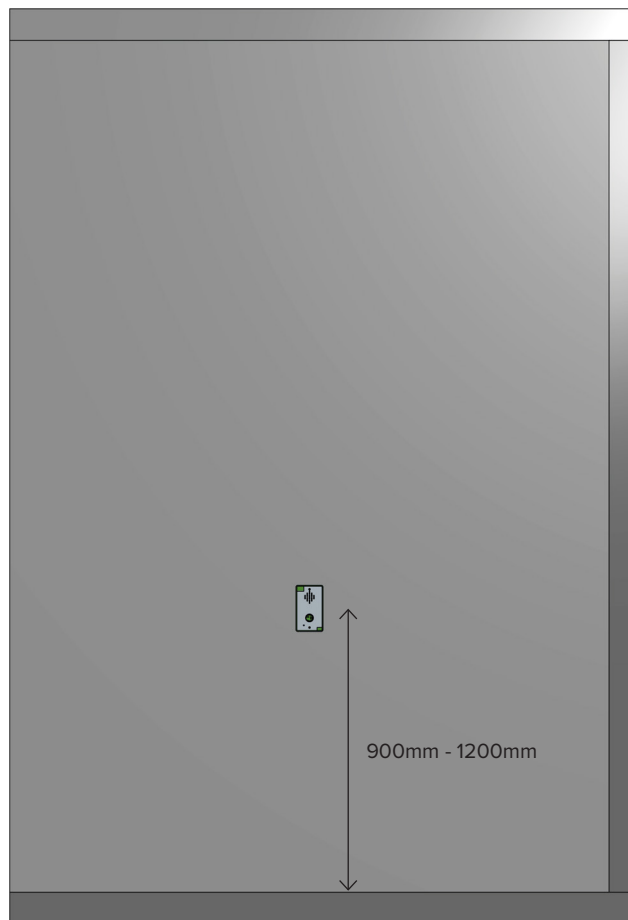


Figure 1: Type B Mounting Dimensions

The Crisis Type B Refuge Outstation is not supplied with a backbox as it can be used with any “MK” style double backbox over 25mm deep. To accept cable glands the backbox needs to be 35mm deep including metal clad surface types and plastic plasterboard liner boxes.

The unit should be mounted at a height of 900mm to 1200mm from the centre line to the finished floor level to comply with the requirements of Building Regulations Document M (Access for the Disabled).

When flush mounting use the backbox manufacturers recommended cut out.

Once the outstation is mounted, the supplied sign should be placed adjacent to the outstation to give instructions and identify the point.

1.2 Connections

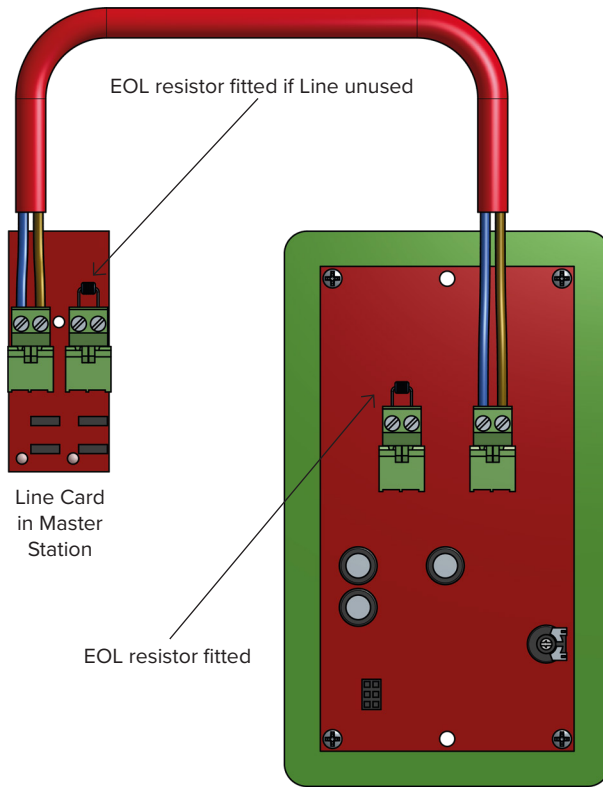


Figure 2: Type B Outstation Wiring Diagram

The 2 core standard fire rated 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 screen should be sleeved and connected to the terminal block in the controller, and the earth connection in the metal back box (if a plastic back-box is used cut the earth back and insulate at the outstation).
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The end of line should be fitted across the out going terminals for correct operation and monitoring.

2 Operation

To call from the Type B outstation press the Call/Cancel button once. The call can be ended by pressing the Call/Cancel button once again.

3 Maintenance

It is a requirement of BS 5839-9:2011 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 log book for the EVCS.
6 Monthly	Every outstation on the system should be tested and the results logged in the logbook.

Table 1: Maintenance

