Protec
Fire and Security Group Ltd

EVX-OSB-G - Refuge Alarm Type B Outstation

• **Fits standard double socket back box (86mm x 146mm).**

• **Modern compact design**

• **High volume ringer**

• **Red status LEDs in Call Button**

• **Green flashing Call Button for location**

• **Flush or surface mount options**

• **Fully monitored to BS 5839-9:2021**

• **Braille enhanced Call Button**

Protec's Emergency Voice Communications Systems (EVCS) are designed to fully comply with the requirements of BS 5839-9:2021 for use as a fire telephone system, refuge alarm system or as a combined system when both fire telephones and refuge alarm call points are required.

An EVCS is a fixed, secure, bi-directional, full duplex voice communication system to assist fire fighters and management during emergencies in high rise buildings or large sites where radio communication cannot be guaranteed to work due to interference from the fire plasma.

The EVX-OSB-G is a type B outstation exclusively for use as part of a refuge alarm system, it's fully compatible with the EVX standalone and network systems.

The outstation is constructed from injection moulded green polycarbonate and features a green flashing button to aid location. Operation is via a single call/cancel button, pressing it once activates the call, a second press cancels the call.

The outstation should be installed in the designated Refuge Point, which is usually located in a protected stairwell / stair lobby.
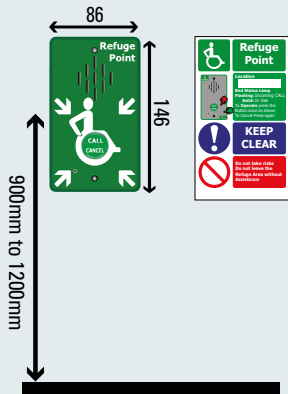
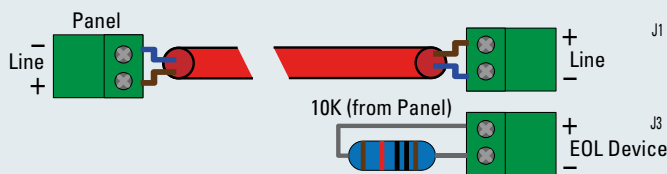**Order codes**

EVX-OSB-G - Green Type B outstation

EVX-BSS-G - Green Type B surface surround

Technical Specification

Mounting

Physical

	EVX-OSB-G	EVX-BSS-G
Height	146mm	146mm
Width	86mm	86mm
Depth	22mm	38mm
Weight	155g	290g
Material	Polycarbonate	Painted Aluminum

Outstation Cables

Type	Enhanced / Standard* Fire Resistant
Cores	2 core 1.5mm Screened
Distance	500m

Standards Compliance

EMC	EN55035:2017+A11:2020
	EN55032:2015+A1:2020

Product Family BS 5839-9:2021, BS9999

*Refer to BS 5839-9:2021 for exceptions

Connections

Mounting The Unit

The EVX-OSB-G is not supplied with a back-box as it can be used with any "MK" style double back-box over 25mm deep. To accept cable glands the back box needs to be 35mm deep including metal clad surface types and plastic plasterboard dry liner boxes.

An optional green surround is available for surface applications where cabling comes in from the back (supplied with mounting box).

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 BS 5839-9:2021.

When flush mounting refer to 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.

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