EMERGENCY VOICE EVACUATION SYSTEMS (EVCS)
TYPE B OUTSTATION

TYPE B OUTSTATION
DISABLED REFUGE CALL POINT

FEATURES

- Hands-free Full Duplex Operation
- High Volume Ringer
- Red Status LEDs in Call Button
- Green Flashing Call Button for Location
- Flush or Surface Mount
- Braille Enhanced Call Button
- Stainless Steel

APPROVALS

- Fully Monitored to BS 5839-9:2011
- EMC: EN 55103-1, EN 55103-2
- LVD: EN 60950
- Product Family: BS 5839-9, BS 9999

DESCRIPTION

All Technoswitch Emergency Voice Communications Systems (EVCS) are designed to comply fully with the requirements of BS 5839-9:2011 for use as a fire telephone system (FT), disabled refuge system (DRS), or as a combined system when both fire telephones and disabled refuge call points are required.

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

BS 5839-9:2011 covers the design, installation and operation of fire telephones and disabled refuge systems in buildings, and where both systems are fitted to a building, the standard specifies these should form a single system.

The Outstation is supplied with a brushed stainless finish and a green flashing button to aid location.

APPLICATION

The VS-EVS-OSB is a Type B Outstation as defined in BS 5839-9:2011, and is designed to be used by the public as a disabled refuge call point.

Type B Outstations should be placed in disabled refuge locations as described in BS 9999:2008.

TECHNOSWITCH
FIRE DETECTION & SUPPRESSION
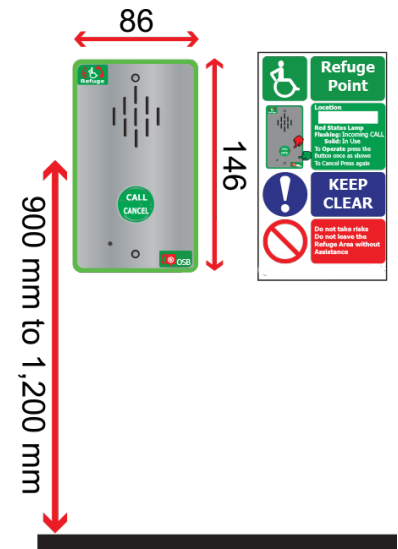
MOUNTING THE UNIT

The VS-EVS-OSB is not supplied with a back-box. For surface mount installations add back-box VS-EVS-OSBBS, and for flush mount add back-box VS-EVS-OSBBF.

To accept cable glands, the back-box needs to be 35 mm deep including metal clad surface types and plastic plasterboard liner boxes. The unit should be mounted at a height of 900 mm to 1,200 mm from the centre line to the finished floor level.
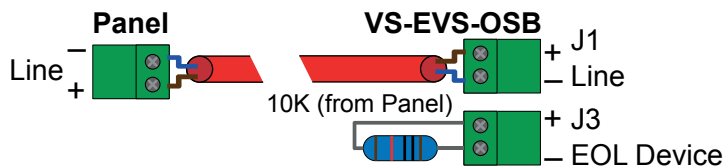
When flush mounting, use the back-box manufacturer's recommended cut-out.

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

MOUNTING

CONNECTIONS

SPECIFICATIONS

Physical

Height	146 mm
Width	86 mm
Depth	22 mm
Weight	400 g
Material	Stainless Steel/Acrylic
Finish	Brushed

Outstation Cables

Type	PH30 Standard Fire Resistant Cable
Cores	2-core 1.5 mm Screened
Distance	500 m

ORDERING INFORMATION

Product Code	Product Description
VS-EVS-OSB	Technoswitch Type B Refuge Point (excluding Back-box)
VS-EVS-OSBBF	Plastic Flush Mount Back-box for Type B Refuge Stations (147 x 87 x 35 mm)
VS-EVS-OSBBS	Steel Surface Mount Back-box for Type B Refuge Stations (147 x 87 x 35 mm)

Please refer to the current Technoswitch Price List for all spares and peripherals.

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