



# EMERGENCY VOICE EVACUATION SYSTEMS (EVCS) COMBINED TYPE A & TYPE B OUTSTATION



COMBINED TYPE A & B OUTSTATION  
FIRE TELEPHONE & DISABLED REFUGE CALL POINT

## 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 VS-EVS-OSC is a combined Type A and Type B EVCS Outstation compatible with the Technoswitch standalone and network systems.

The Outstation is supplied in a brushed stainless finish with a Type B refuge panel on the front with a high contrast red screen print with a rugged red telephone handset behind the push door.

## APPLICATION

The VS-EVS-OSC is a combined Type A and Type B Outstation as defined in BS 5839-9:2011, and can be used as a fire telephone or a disabled refuge call point. Technoswitch Outstations are designed for use by multi-disability users, having high contrast signage and an induction loop coil (to BS EN 60118-4) in the handset.

The Outstations are mainly used when the disabled refuge area is located within the fire fighting lift lobby, as described in BS 9999, these locations should have a low background noise, otherwise you may have to consider acoustic hoods.

## FEATURES

- Compact Design
- Ruggedised Handset
- High Volume Ringer
- Status LED
- 20 mm Cable Gland Knock-out
- Telecoil for Hearing Impaired Users
- Full Duplex Operation
- Magnetic Push Catch
- Stainless Steel

## APPROVALS

- Fully Compliant to BS 5839-9:2011
- EMC: EN 55103-1, EN 55103-2
- LVD: EN 60950
- Product Family: BS 5839-9, BS 9999, EN 60118-4



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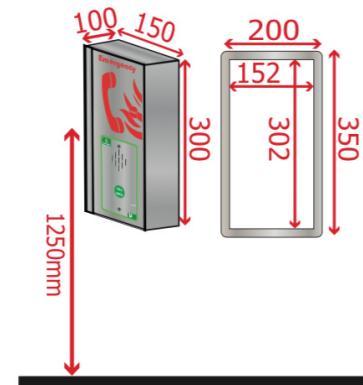
## MOUNTING THE OUTSTATION

The Outstation should be mounted at a height of 1,250 mm from the centre line of the Outstation to the floor.

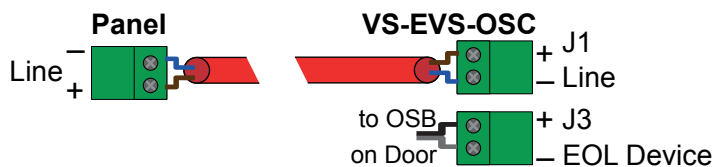
When flush mounting, a cut-out of 305 mm by 155 mm is recommended. The bezel slides over the box and is fixed on the wall using a suitable sealant or mastic.

As the Outstation is also to be used as a refuge point, suitable space should be allowed so the system can be used by a parked wheelchair.

## MOUNTING



## CONNECTIONS



## SPECIFICATIONS

Physical	Panel	Bezel	Cut-out
Height	300 mm	350 mm	305 mm
Width	150 mm	200 mm	155 mm
Depth	105 mm	1 mm	95 mm
Weight	1,400 g		
Material	Stainless Steel		
Finish	Brushed		
Outstation Cables			
Type	PH120 Enhanced Fire Resistant Cable		
Cores	2-core 1.5 mm Screened		
Distance	500 m		

## ORDERING INFORMATION

Product Code	Product Description
VS-EVS-OSC	Technoswitch Combined Type A Telephone & Type B Refuge Point in SS Enclosure
VS-EVS-OSA	Technoswitch Surface Type A Fire Telephone Handset in SS Enclosure
VS-EVS-OSB	Technoswitch Type B Refuge Point (excluding Back-box)

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

• **DISCLAIMER:** Although the contents of our product literature have been prepared with the greatest care, Technoswitch can accept no liability whatsoever for any direct or indirect damages of any kind that may arise due to either errors or omissions in them, or amendments to products or other specifications following publication.

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