

IP66 TYPE B OUTSTATION EVCS-IPB-2

An EVC System is a fixed, secure, bi-directional, full duplex voice communication system to assist firefighters during emergencies in high rise buildings or large sites where radio communication cannot be guaranteed to work due to interference from the fire plasma. BS 5839-9:2021 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 EVCS-IPB-2 is a type B EVCS outstation for use in outdoor or exposed areas and is compatible with the Honeywell standalone and Honeywell Network EVCS systems. The outstation is supplied within a compact IP66 enclosure which is externally signed as required by Building Regulations Approved Document B. The enclosure is opened by operation of a lever lock, exposing the handsfree unit and operating instructions.

SUITABILITY

The EVCS-IPB-2 is a Type B outstation as defined in BS 5839-9:2021 and is designed to be used by the public as a disabled refuge call point in outdoor environments. Type B outstations should be placed in disabled refuge locations as described in Building Regulations Approved Document B and BS 9999:2017.

MOUNTING THE UNIT

The EVCS-IPB-2 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 drilling any holes for cable access ensure any bare metal is treated with an antioxidant primer, and all cable glands meet IP66 and are correctly tightened. Ensure all mounting holes have the screw seals correctly fitted, failure to ensure this will compromise the IP rating of the enclosure.



All Honeywell Emergency Voice Communications Systems (EVCS) are designed to comply fully with the requirements of BS 5839-9:2021 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.

- Hands free full duplex operation
- Surface mount IP66 Enclosure
- Fully Monitored to BS 5839-9:2021
- Braille enhanced Call Button
- Standards compliant signage integrated in design
- Outstation included as standard

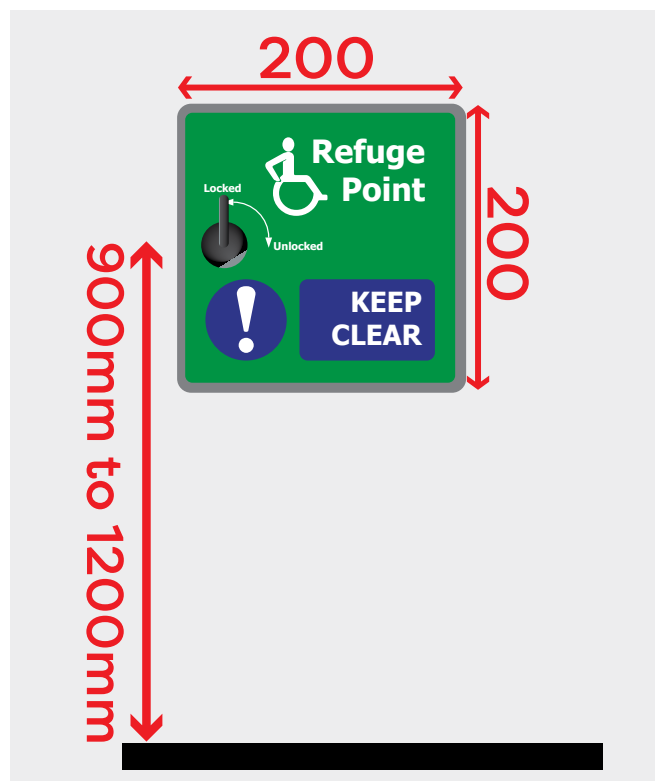
IP66 TYPE B OUTSTATION - EVCS-IPB-2 Technical Specifications

TECHNICAL SPECIFICATION

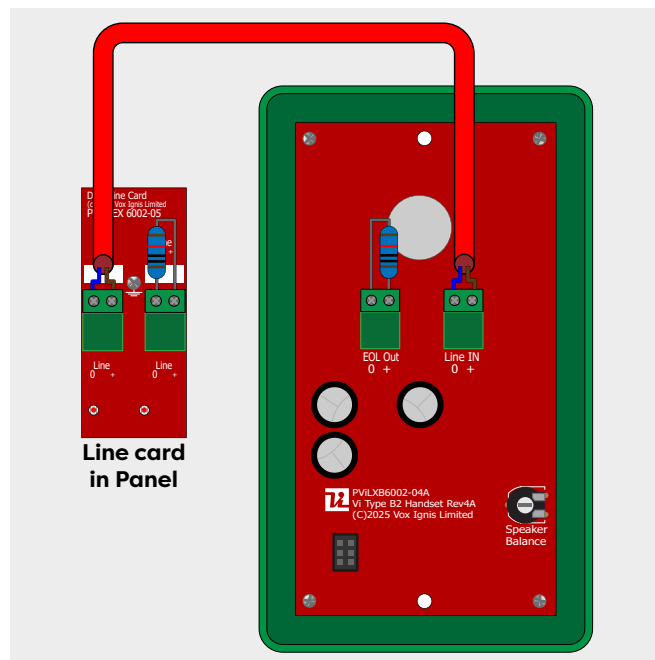
PHYSICAL		
Height	200mm	
Width	200mm	
Depth	80mm (115mm to handle front)	
Weight	2400 g	
Material	Texture painted Steel	
Finish	Painted RAL 7035	
PART NUMBERS		
Outstation	EVCS-IPB-2	
RECOMMENDED CABLES		
Type	Cores	Distance from compatible panel
Standard* Fire Resistant	2 core 1.5mm Screened	500m
STANDARDS COMPLIANCE		
EMC	EN 55035:2017+A11:2020 EN 55032:2015+A1:2020	
LVD	EN IEC62368-1:2020+A11:2020	
Product Family	BS 5839-9:2021,BS 9999:2017	

*Refer to BS 5839-9:2021 for exceptions

MOUNTING



CONNECTIONS



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