ASSIST CALL
Emergency Assistance Alarm System

Rev 01.00

FAQs

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INTRODUCTION

These notes are intended to clarify and answer frequently asked questions about ASSIST CALL.

1 VS-EVS-ACBK Accessible Bedroom Kit

This kit can only be connected directly to a Technoswitch EVS Master Station or a System Expander panel. Recommended cable is 2-core 1 mm LSF flex or similar, maximum length 500 m. **It cannot be connected to a VS-EVS-OSB Outstation**.

	Pull Cords	Cancel Plates	Over Door Plates
Maximum Quantity of Plates in the Circuit	6	2	1
	6	1	2

The maximum quantity of current consuming plates is three, since Cancel and Over Door Plates consume current whilst in alarm.

2 Connecting additional Cancel Plates in an Accessible Bedroom Application

Use a VS-EVS-ACACNP (Ancillary Cancel Plate). The Ancillary Cancel Plate differs from a standard Cancel Plate in that it does not have illumination or a buzzer; thus, it consumes less power. It should only be used to supplement a standard Cancel Plate, for example, as an additional Cancel Plate in a bathroom or within a bedroom.

	Pull Cords	Cancel Plates	Over Door Plates	Ancillary Cancel Plate
Maximum Total Number of Plates in the Circuit	6	2	1	2
	6	1	2	2

3 Connecting a VS-EVS-ACWC Alarm Kit to a VS-EVS-OSB Type B Outstation

- In this application, all circuit wiring must be carried out using the same integrity cable as the VS-EVS-OSB, i.e., fire-resistant cabling; the total circuit length remains at 500 m. The VS-EVS-ACWC can be wired before or after the VS-EVS-OSB outstation. The EOL resistor must be placed in the last device.

	Pull Cords	Cancel Plates	Over Door Plates
Maximum Total Number of Plates in the Circuit	6	1	1

NOTE: No additional Cancel or Over Door Plates can be added to the circuit in this wiring application.

4 Connecting a VS-EVS-ACWC Alarm Kit directly to Technoswitch EVS Master Station or System Expander Panel

In this application, the recommended cable type is 1 mm 2-core LSF flex or similar, maximum length 500 m.

	Pull Cords	Cancel Plates	Over Door Plates
Maximum Total Number of Plates in the Circuit	6	2	1
	6	1	2

If additional Cancel Plates are required, see item 2 above.

5 Maximum Circuit Length when using Multicore Alarm Type Cable

2-Core 0.22 mm	4-Core 0.22 mm	6-Core 0.22 mm	8-Core 0.22 mm
50 m	100 m	150 m	200 m

The above assumes cores twisted together to increase the overall cross-sectional area.

6 Are the ASSIST CALL Plates Polarity Sensitive?

Yes, but no damage will occur, and the plates wired after the cross will not function correctly. Particular care must be taken when extending from a VS-EVS-OSB outstation as the orientation of the terminals differ due to the terminals pointing downwards in the ASSIST CALL plates, i.e., + on left and 0v on right.

7 Are there In and Out Terminals on the ASSIST CALL Plates?

No, it does not matter which terminals are used for in and out wiring.

8 In what order do ASSIST CALL Plates need to be wired?

They can be wired in any order, but the EOL resistor must be placed in the last plate.

9 Is there a Weatherproof Cancel Button available?

Yes, there is a weatherproof version, VS-EVS-ACCNP66, an IP66-rated surface unit with an LED indication in a brushed stainless finish – suitable for use in wet rooms, shower areas, wet changing areas, etc.

10 Can a VS-EVS-ACWC Alarm Kit be connected to a Type A or Combined Type A and B Outstation?

No, this arrangement is not compatible. In this situation, the VS-EVS-ACWC or VS-EVS-ACBK kits must be connected directly back to the nearest Master Station or System Expander Panel.

11 Revision Information

Revision	Date Issued	Reason for Change	Reference
Rev 01.00	20210308	New Document	New Document

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