AssistCall 1-Zone Controller

ViAC-1ZC-SS



The AssistCall family of panels and devices are manufactured from blue polycarbonate with a stainless steel fascia plate. They are designed to fit standard MK 25mm depth double gang back boxes If using with a surface box specify curved corners.

- Fully compliant to BS 8300-2:2018
- Monitors emergency assist, pool alarms, panic alarms, medicine cabinets, fire doors
- Onboard relay output
- Acknowledge function
- Monitored alarm inputs

Overview

The AssistCall System is a family of matching modules and devices that provide a complete alarm system compliant to BS 8300-2:2018.

Standalone applications

The AssistCall range of products uses the 1-Zone Control module as the initial building block. It is used as a standalone panel to monitor a single location.

Monitored alarm

Although not mandatory, the alarm line is fully monitored for open and short circuits. This give confidence that the alarm is wired correctly and intact.

Acknowledge function

BS 8300 requires audible and visual feedback such that when the alarm is activated the occupant is notified that not only has the alarm been received but is being actioned. This will alleviate distress that help is on the way. The unit can be positioned within a central location to notify staff or colleagues of activation

Simple installation

The system uses Cat5/Cat6, security cable or T&E/flex for the alarm circuits. For example: 2 core 1mm T&E, 2 core flex, 0.22mm security cable.

Integral PSU

The ViAC-1ZC-SS has an integral mains power supply unit.

Multiple alarm types

The system has been designed to be very flexible so is compatible with the full range of AssistCall devices. In addition, it can monitor pool alarms, panic alarms, general alarms, medicine cabinets and emergency exits.

Simple relay outputs

The ViAC-1ZC-SS has an onboard relay contact allowing it to signal off site or to connect to BMS etc.

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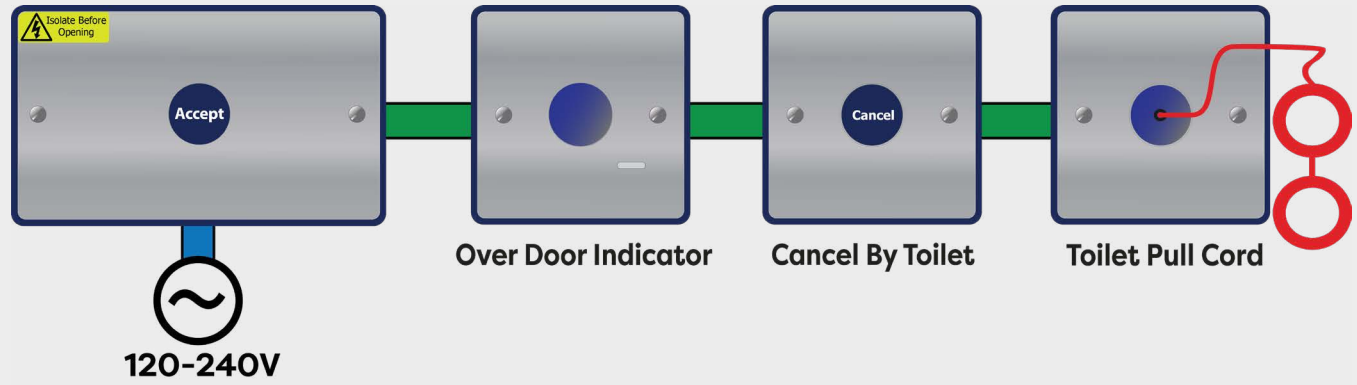
ViAC-1ZC-SS

Technical Specification

Details	ViAC-1ZC-SS
Power	
Integral Power	Mains into controller
Inputs	
Lines	1
Voltage	27V DC Nominal
Monitoring	Open and Short Circuit
End of Line	10kΩ
Outputs	
Alarm Relay	1× Volt free NO, Com 24VDC 3A
Controls and Indications	
Accept button	1× Push Button (with alarm indication)
Statutory indicators	1× DC power/status indicator
	Lamp test feature

Details	ViAC-1ZC-SS	
Alarm Field Cabling		
Type	**Cores**	**Distance from 1ZC**
LSF flex/T&E	2 cores 1mm	500m
Cat5/6 or security	1× pair 0.22mm	50m
Cat5/6 or security	2× pair 0.22mm	100m
Standards Compliance		
EMC	EN 55035:2017+A11:2020 EN 55032:2015+A1:2020	
LVD	EN IEC62368-1:2020+A11:2020	
Product Family	BS 8300-2:2018	
Physical		
	1ZC	
Height	86mm	
Width	140mm	
Depth	22mm	
Weight	180g	

Wiring Schematic



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