



CS250

CS250 Control Panel compact polycarbonate housing

Flexible zone configuration

All zones can be freely programmed as any of the following types: burglary, exit/entry (x 2), access, 24 hour, lifesafety (fire, medical, personal attack), tamper, keyswitch, emergency and timed door. In addition, a dedicated output for fire detector power with reset control allows the connection of 2 or 4 wire smoke detectors.

Integrated communicator

An integrated fully featured communicator and modem embraces a wide of range of applications. The communicator offers a choice of 5 formats for alarm reporting including Voice Protocol for use with a voice module. Available as an optional accessory, this module provides the end user with an attractive alternative to central station reporting by sending pre-recorded messages to friends or neighbours.

Up to six reporting phone numbers may be programmed, each with two account numbers (one per area). A choice of reporting methods is available including Single (events are sent to one telephone number), or Multiple (events are sent to several numbers). In addition to alarm reporting, a built-in ring detector allows the alarm system to successfully share the telephone line with other devices such as an answering or fax machine.

The Line monitor can signal loss of phone line and will postpone test calls while the system is in use. Security and lifesafety events will cause the CS 250 to disconnect house phones and report the events.

Programming made easy

The panel can be programmed in several ways to suit your application. On-site, the LCD keypad offers full programming possibilities using a menu driven keypad. Alternatively, by using the on-board serial interface, the panel can be connected directly to a PC for programming using our intuitive Windows based software package. Off-site, the same software package allows remote programming and the upload and download of panel data by dial up connection via the on-board modem.



Standard Features

- 9 inputs; 8 freely programmable + 2-wire fire
- Hardwired/wireless expansion up to 24 zones
- 2 areas + common area
- 8 shock sensor analysing zones
- LED & LCD keypad options
- Up to 8 keypads
- 16 user codes
- 200 event log with date, time, number and type of event

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Specifications

| | |
|---------------------------------------|--|
| Mains input | 230 VAC +10%, -15% 24 VA mains transformer, 16.5 VAC secondary |
| Output voltage | 13.8 V ±5% |
| Signalling output | |
| Normal | Internal bell : 800 mA External bell : 800 mA |
| Surge | Internal bell : 2 A External bell : 2 A |
| Low current outputs | 4 freely programmable |
| Fire detector outputs | 1 detector limited to 50mA |
| Loop characteristics | 8 inputs, configurable as double-pole loops using 4K7 EOL resistors. Response time: 250 msec (except roller) |
| Battery backup | 12 V lead acid rechargeable battery (not supplied) Float charging method at 13.8 V±5%. Max battery capacity: 7.2 Ah. EN50131 power supply type A: 12 hours autonomy. Battery recharging to 80% of 7.2Ah within 24 hours. |
| Fuses | Battery, auxiliary, internal and external bells (self-resetting) |
| Date and time | Real time clock linked to 50 Hz mains supply |
| Ambient conditions | -10°C to + 40°C; 75% non-condensing |
| Housing dimensions (H x W x D) | |
| Polycarbonate | 225 x 250x 113 |

Ordering Information

| Part No. | Description |
|----------|---|
| CS250 | 8 to 24 zone hybrid control panel English with LCD Keypad |

Remote diagnostics

Whilst on-line, several key parameters of panel operation can be verified without having to visit the installation. This includes the display of mains power status and battery voltage; the loop-state and resistance value of each zone; and the state of all outputs and the system state of both areas and the common area.

User friendly

To provide error free operation for the end user, there is an optional infrared keyfob which can be used with the LCD keypad for turning the system on and off and generating lifesafety alarms. As an alternative, everyday tasks such as arming and part-arming can be set up as a one touch operation by using the three freely programmable Function Keys which are incorporated on the user interface.

Expandability

The system can be expanded to up to 16 or 24 zones by adding either one or two 8 zone hard-wired input expanders or one or two RF gateways.

No wires

Each RF gateway supports up to 8 or 16 RF devices and 16 RF keyfobs. Patented Learn-Mode™ technology ensures the ease and reliability of installation. Each device has its own factory-programmed identity so the receiver 'learns' the identity of each device, dramatically reducing installation time and eliminating programming errors in the field.

The gateway monitors the alarm, battery, tamper and supervisory status of each transmitter. In addition, it reports any change in status to the panel, which takes action according to the programmed zone types.

