Honeywell
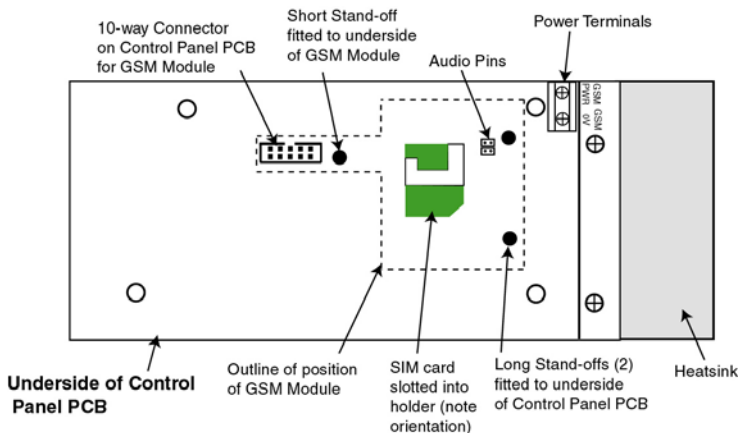
GSM Module

Installation Instructions

A dedicated GSM telecommunication interface can be connected to the Galaxy 2 Series control panel to allow an alternative communication path to the PSTN telephone line. The GSM module is installed as follows.

WARNING: **Install the control panel with the GSM Module at least 1.5 m from any wireless peripheral device. This will avoid interference generated by the GSM. Do not install the module in the immediate proximity of a sound source (loudspeaker, TV set, Hi-fi chain etc.)**

1. Remove all power from the control panel and remove the control panel PCB from the enclosure.
2. With the control panel PCB still removed, remove the knock-out in the top-centre of the enclosure using broad-nose pliers, gripping the full length of the knock-out tab and bending it sharply downwards.
3. Slide the GSM antenna into the slot in the top of the enclosure and lock into place with the locking tab provided.
4. Fit the co-axial antenna lead to the GSM module.
5. Remove the two-way jumper fitted to two of the four audio pins on the rear of the PCB.
6. Using the three stand-offs supplied with the GSM module, fit the module to the rear of the control panel PCB, taking care to route the two power leads to the GSM power terminals on the corner of the control panel PCB.


GSM Module on Control Panel PCB

7. Screw the power leads into the two GSM power terminals observing polarity (Red lead is GSM PWR, black lead is GSM 0V).

   WARNING: **Do not screw the power leads into the AUX power terminals on the control panel PCB.**

8. Fit a suitable SIM card into the holder on the GSM Module (see **Note on SIM cards**).
9. Refit the control panel PCB into the enclosure, connecting the co-axial antenna lead to the antenna.
10. All programming of the GSM module is performed in menu 56.5 of the panel programming.
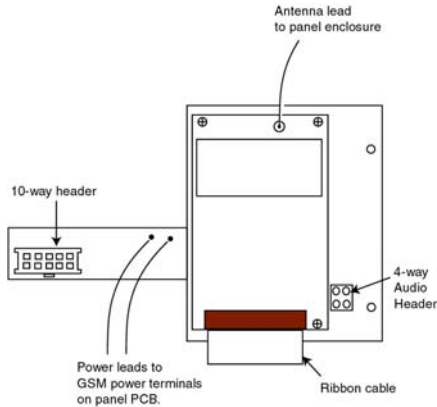
GSM Module – Top Side

Note on SIM cards: Any valid GSM SIM card can be used. Both contract and pre-pay types will work, although contract SIMs are better for systems with alarm signalling as there is no chance of credit running out when an alarm activation needs to be signalled. If the GSM module is to be used for remote servicing, then a data-enabled SIM card must be used. Most service providers can supply this service on contract SIMs and will issue a separate data number. This data number should be used for remote servicing when dialling into the panel.

Characteristics

The following table shows the technical characteristics of the GSM Module:

GSM Fault Detection	Dedicated internal "GSM fault code" is triggered by lack of network
Service temperature	0 deg to 40 deg C
Storage temperature	-20 deg to +70 deg C
Dual –Band	GSM 900 MHz and DCS 1800 MHz
Power	2 W (GSM)/ 1W (DCS)
Antenna	Supplied
SIMcard	Micro

Compliance

This product is suitable for use in systems designed to comply with EN50131-1 and PD6662:2004.

Security Grade – 2
Environmental Class – II
Alarm Transmission System – 2