

## Basic Shared Bathroom Solution

IGSFBKIT

Sharing one bathroom between two bedrooms can save an entire bathroom worth of floor space plus the cost of the sanitary ware, maintenance and cleaning. By sharing a single facility between two rooms or areas better facilities can be provided in less space and at a reduced cost. Suited to domestic and commercial applications, our Basic Shared Bathroom Solution provides an electronic means of locking two doors of a shared bathroom at the press of a single button. It provides LED indication of the door lock status to the user. The system ensures that one user cannot vacate the bathroom leaving another users' door locked as they could using mechanical locks.

### Benefits and Features

- Shares one en-suite bathroom between two bedrooms
- Ensures users cannot be locked out of their bathroom
- Suited to various domestic and commercial applications
- Complete kit available (excluding cable)
- Simple to use
- UKCA and CE marked, ROHS compliant
- Manufactured in the UK

### Basic Shared Bathroom Kit IGSFBKIT Includes

1 x IGSFB - Multi Function Bathroom Controller

(Dimensions 275 x 225 x 65mm)

1 x S1720SI - Internal door control button with LED's

2 x H-DS-002 - H-DS-002 fail safe mortice door lock

2 x DCS/F3M Flush fitting magnetic door contact with 3m potted cable

### Accessories

S1720SI - Internal door control button with LED's

S1720IN - External Vacant/Engaged LED indicators

MCP-GS-11 - Emergency door release unit

H-DS-002 - 12VDC fail safe mortice door lock

IGSFB - Basic Multi-Function Bathroom Controller

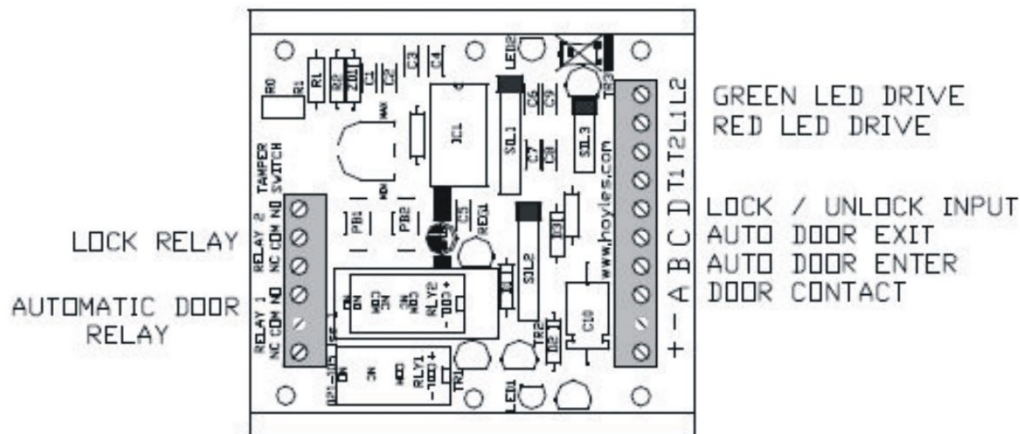


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**IGFSB Shared Bathroom Control Features**

The IGSFB controller covers the scenario where the toilet is shared and has two doors to enter and exit. The doors are normally, electrically unlocked and can only be electrically locked from the inside. For security, the doors can be mechanically locked from the outside to prevent the toilet being used as a passageway.



The controller must be used with ancillary equipment for the users to control the relays and indicate to the users the state that the system is set to. The installation instructions ref Q18627, show the typical setup of the ancillary equipment.

**Operation and features**

Typically, input A, the lock contact, is connected to +ve when both doors are locked. Inputs B and C are not used. Input D is a normally open, momentary action, pushbutton. Pressing the button successively commutates the lock relay. I.e. If the lock relay is switched to unlocked, pressing the button will switch it to locked and vice versa. The lock relay is used to lock both doors and the automatic door relay is not used.

The lock relay will switch whenever the pushbutton is pressed, for a minimum time that the pushbutton is pressed. It may switch back if :-

- Either lock contact, input A is open, when the pushbutton is released, the lock relay will always switch to unlocked.
- The momentary pushbutton, (input D), is held closed for longer than 5 seconds, the lock relay will switch to unlocked and remain so until the pushbutton is released and pressed again.
- The system defaults to the doors being unlocked if there is a chance that the toilet can be vacant.