

## Basic Shared Bathroom Solution

IGSFBKIT

Maximise space, cut costs, and enhance convenience with our Basic Shared Bathroom Solution.

By allowing two bedrooms to share a single bathroom, you save the equivalent of an entire bathroom's worth of floor space, plus the ongoing costs of sanitary ware, cleaning, and maintenance. This smart approach makes it possible to deliver better quality facilities in less space, and at a lower cost.

Designed for both domestic and commercial applications, the Basic Shared Bathroom Solution offers simple, electronic door control at the press of a button. Clear LED indicators show the lock status, giving users confidence and peace of mind. Unlike traditional mechanical locks, our system ensures that one user cannot accidentally leave the other door locked when leaving the bathroom.

For projects where preventing passage between the two adjoining rooms is essential, we also offer our Advanced System for complete control.

### Benefits and Features

- Shares one 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

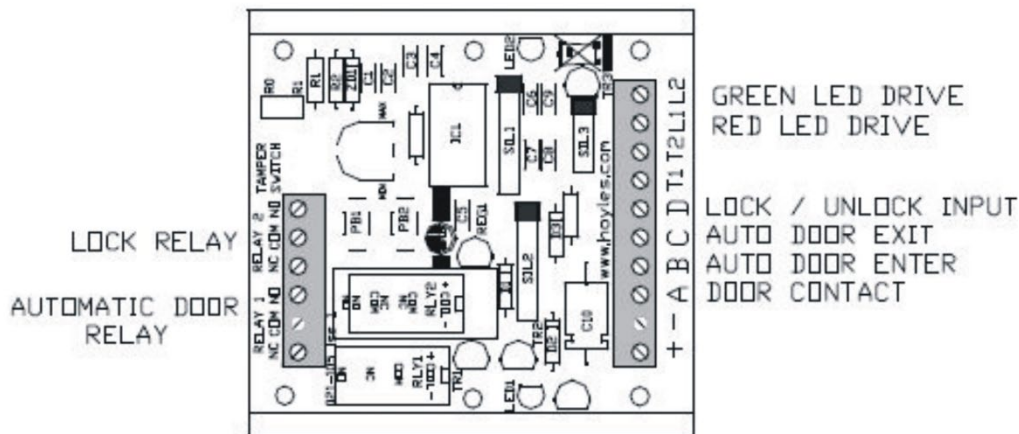


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**IGFSB Shared Bathroom Control Features**

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.