

Hi-O ROOM GUARD KIT CONTENTS

The Hi-O ROOM GUARD kit (3570HRGKIT) contains the necessary components for a typical two (2) door Room Guard installation, except for the Door Furniture which needs to be ordered separately.

Hi-O Room Guard Kit Contents

2 x 3570ELHRG0SC Hi-O Room Guard Lockset (including 2m Door Loom)	1 x HLM-004 Hi-O 4 way Adaptor
2 x RG3SC Room Guard Turnknob	1 x HLM-011 Hi-O Terminal Strip Adaptor Set
2 x HLM-008 Hi-O 8 metre Extension Cable	1 x HLM-012 Hi-O Termination Socket
2 x LC8810 Lead Cover	1 x HPS-24VDC Power Supply
	2 x Emergency Override Switches

SYSTEM CONNECTION

- Choose a suitable place for the power supply and connections. If installed outdoors, the power supply and all connections must be housed in a suitable protective enclosure.
- A standard 240 volt power outlet is required in the vicinity of the power supply.
- Wire the power supply, emergency switches and locks as specified in the wiring diagram. Ensure termination socket is plugged in.
- The 2m door cables need to be passed through the door and power transfer device before fitting the crimp pins into the plastic plug housing according to the diagram. Take care not to damage the pins when passing the cable through the door. The pins must be inserted into the housing in the orientation shown.
- When connecting the wires to the terminal strips, make sure no loose strands of wire are left which could cause a short circuit.
- There is provision for emergency override switches to be connected. These switches are discreetly mounted outside the room. When pressed, the doors will immediately unlock.
- The emergency switches must be momentary type, rated for the required current and must be wired using the normally closed contacts in series with the power supply, such that power is disconnected to the locks when the switch is operated. If not using an emergency override, the power supply may be directly plugged into the 4 way adaptor.
- All locks must be set to fail safe.

LOCK OPERATION

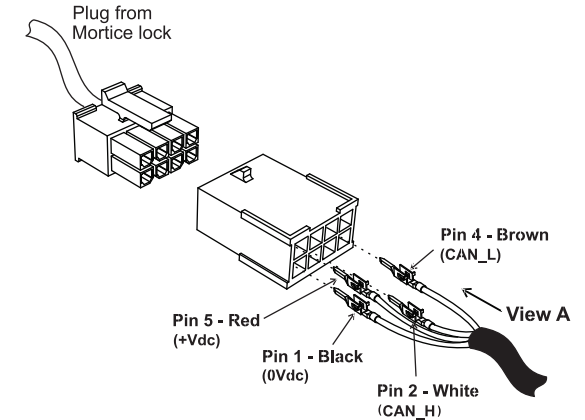
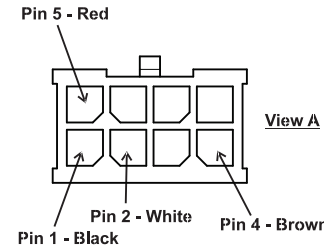
- When the occupants of a room wish to lock the doors:
 - All doors must be closed.
 - The 'Lock Door' turnknob is operated (turned momentarily).
 - All doors will now be locked on the exterior side and the LED on the furniture plate (if applicable) will change from green to red.
 - To exit the room, open the door from the inside at any time. All doors will unlock.

TROUBLESHOOTING

- If the hardware has been installed and wired but it will not function, check the following:
 - If the furniture LEDs are not illuminated, check the power is correctly wired.
 - If emergency override switches are used, check that they are wired as Normally Closed.
 - Check the termination socket is fitted to provide termination to the Hi-O network.
 - Check that the magnets for the reed switches have been installed and are aligned correctly (refer to Lockset fitting instructions).
 - Check that the door gap is 3mm.
 - Check that the latchbolt is fully extending into the strike plate (not bottoming out or being prevented from extending due to side pressure on the latchbolt).

WIRE ASSIGNMENTS

Pin	Colour	Description
5	RED	+10-28Vdc
1	BLACK	0Vdc
2	WHITE	CAN_H
4	BROWN	CAN_L



POWER SUPPLY:

10-28 Vdc REGULATED

CURRENT CONSUMPTION

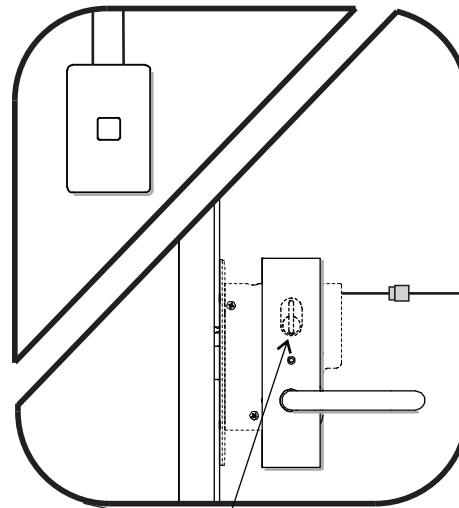
500/80mA@12Vdc

(PEAK/HOLD):

(per lockset)

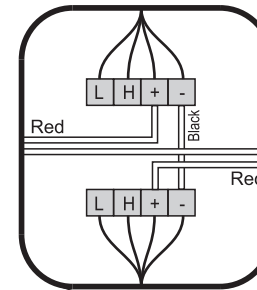
275/80mA@24Vdc

Normally Closed Momentary
Emergency Buttons
On Outside only
(wired in series)



Hi-O Room Guard
Mortice Lock
(Turnknob on Inside only)

Set of Terminal
Strip Adapters
(Red + / Black -)



Power Supply
with Connector

4 Way Adaptor

Termination
socket must be
plugged in.



HI-O TECHNOLOGY™



N19329 / Z1217

**Note: For use without Emergency
Switches, Power Supply is
plugged directly into
4 Way Adaptor.**