**Jumpers**

Jumpers are used to determine which zones will be assigned to the expander. The above diagram shows the jumper settings required to make the first 4 zones 9 to 12 and the second 4 zones 13 to 16. Refer to the following chart to set the jumpers accordingly:

<table>
<thead>
<tr>
<th>Expander Zones</th>
<th>Jumpers</th>
<th>System Zones Assigned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group A (Zones 1-4)</td>
<td>J1 J2 J3</td>
<td>Zones Disabled</td>
</tr>
<tr>
<td>Group B (Zones 5-8)</td>
<td>J4 J5 J6</td>
<td>Zones Disabled</td>
</tr>
<tr>
<td>OFF OFF ON</td>
<td>Zones 9 - 12</td>
<td></td>
</tr>
<tr>
<td>OFF OFF OFF</td>
<td>Zones 13 - 16</td>
<td></td>
</tr>
<tr>
<td>ON ON OFF</td>
<td>Zones 17 - 20</td>
<td></td>
</tr>
<tr>
<td>OFF OFF OFF</td>
<td>Zones 21 - 24</td>
<td></td>
</tr>
<tr>
<td>OFF OFF OFF</td>
<td>Zones 25 - 28</td>
<td></td>
</tr>
<tr>
<td>OFF OFF OFF</td>
<td>Zones 29 - 32</td>
<td></td>
</tr>
</tbody>
</table>

**To Add Hardwired Zones**

1. Connect module to the Keybus.
2. Set the jumpers on the module.
3. Enter section [902] and wait 1 minute.
4. Enter section [903] to verify that the module is supervised.
5. Define the zones in sections [002]-[004].
6. Add the zones to the appropriate partition in sections [202]-[209].

**Limited Warranty**

Digital Security Controls Ltd. warrants that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its factory. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling or damage due to causes beyond the control of Digital Security Controls Ltd. Such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment. The foregoing warranty shall apply only to the original owner and is subject to the following conditions, whether expressed or implied and all other obligations or liabilities on the part of Digital Security Controls Ltd. This warranty contains the entire warranty. Digital Security Controls Ltd. neither assumes nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product. No guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.
- Move the alarm control away from the receiver.
- Relocate the alarm control with respect to the receiver.
- Re-orient the receiving antenna.

**Installation Instructions**

The PC5108 module can be used to add up to 8 additional hardwire zones to the PC5010 control panel (see PC5010 Installation Manual for complete installation instructions).

**Specifications**

- Module Current Draw: 35 mA
- Auxiliary Current: 100 mA (PTC protected - fuseless design)

**Terminal Description**

- **VAUX** - Used to provide power for devices. Maximum current draw is not to exceed 100 mA. Connect the positive lead of powered devices to VAUX and the negative to BLK or any COM terminal.
- **KEYBUS** - The 4 wire KEYBUS connection is used by the panel to communicate with the module. Connect the RED, BLK, YEL and GRN terminals to the KEYBUS terminals on the PC5010 main control.
- **TAM** - This can be used to tamper the cabinet the PC5108 is mounted in. Connect a normally closed (NC) switch across TAM and BLK. If the tamper is not being used connect a piece of wire across TAM and BLK to remove the trouble condition.

**FCC Compliance Statement**

Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment. This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules.

**Power832 TM Security System**

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### Installation Instructions

The PC5108 module can be used to add up to 8 additional hardwire zones to the PC5010 control panel (see PC5010 Installation Manual for complete installation instructions).

### Specifications
- **Module Current Draw:** 35 mA
- **Auxiliary Current:** 100 mA (PTC protected - fuseless design)

### Terminal Description

- **VAUX** - Used to provide power for devices. Maximum current draw is not to exceed 100 mA. Connect the positive lead of powered devices to VAUX and the negative to BLK or any COM terminal.

- **KEYBUS** - The 4 wire KEYBUS connection is used by the panel to communicate with the module. Connect the RED, BLK, YEL and GRN terminals to the KEYBUS terminals on the PC5010 main control.

- **21 to 28** - Wire the zones according to the description found in the PC5010 Installation Manual.

### To Add Hardwired Zones

1. Connect module to the Keybus.
2. Set the jumpers on the module.
3. Enter section [902] and wait 1 minute.
4. Enter section [903] to verify that the module is supervised.
5. Define the zones in sections [002]-[004].
6. Add the zones to the appropriate partition in sections [202]-[209].

### Limited Warranty

DSC Security Controls Ltd. warrants that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, DSC Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its factory. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of DSC Security Controls Ltd. Such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

### FCC COMPLIANCE STATEMENT

Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer’s instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B devices in accordance with the specifications in Subpart F of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC useful: “How to Identify and Resolve Radio/Television Interference Problems”. This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock No. 004-000-00345-4.