Application Notes

1.7 Contact ID – Automatic (PC1616/1832/1864 V4.2)

Panels:

POWER SERIES (PC1616/1832/1864 V4.2)

Overview:

The PC1616/1832/1864 V4.2 can generate automatic Contact ID reporting codes for central station communication.

Programming automatic Contact ID is a seven-step process:

- Program the central station phone number
- Program the system account number
- Program the partition account numbers
- Program the communicator format
- Program the communicator call direction options (Optional)
- Program the Second Communicator Option Code (Optional)
- Program the reporting codes (Optional)

Program Sections:

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[301]</td>
<td>Phone Number 1</td>
</tr>
<tr>
<td>[310]</td>
<td>System Account Number</td>
</tr>
<tr>
<td>[311] – [318]</td>
<td>Partition Account Number</td>
</tr>
<tr>
<td>[350]</td>
<td>Communicator Format Option</td>
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<td>[351] – [376]</td>
<td>Communicator Call Direction Options (Optional)</td>
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<td>[381]</td>
<td>Second Communicator Option Code (Optional)</td>
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<tr>
<td>[320] – [349]</td>
<td>Reporting Codes (Optional)</td>
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<tr>
<td>[601] – [608]</td>
<td>Reporting Codes (Optional)</td>
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</table>

Step 1 – Program the Telephone Number

Program the central station phone number in Section [301].

Step 2 – Program the System Account Number

Program the system account number in Section [310].

Note: Program a HEX digit [A] for any digit ‘0’ in the account number.

Step 3 – Program the Partition Account Numbers

Program the partition 1 to 8 account number in Section [311] – [318].

Note: Program a HEX digit [A] for any digit ‘0’ in the account number.

Step 4 – Program the Communication Format

Program data [03] in Section [350] for telephone number 1.
Step 5 (Optional) – Program the Communicator Call Direction Options

Communicator Call Direction options are used to determine which events will be reported to which phone number. By default option [1] is ON in all Sections [except opening/closing section [367]] and all events will transmit using phone number 1 (except opening/closings). To disable the reporting of a group of codes (i.e. openings and closings) turn option [1] OFF in the correct Section. To enable openings/closing turn option [1] ON in sections [367] – [374].

Section [351] – [358] Alarm/Restoral for Partitions 1 - 8
Section [367] – [374] Opening/Closing for Partitions 1 - 8
Section [375] Maintenance Alarms/Restorals
Section [376] Test Transmission

Step 6 (Optional) – Second Communicator Option Code

Ensure option 7 is disabled in section [381] for Automatic Contact ID reporting.

Step 7 (Optional) – Program the Reporting Codes

The panel will automatically transmit the correct Contact ID reporting code for all events if the reporting code for the event is anything other than data [00]. By default, all reporting codes are programmed as data [FF], which means the panel will report all possible events. It is important to disable the reporting of unwanted events by programming data [00] for those events.

Section [320] – [349] Reporting Codes
Section [601] – [608] Reporting Codes

Technical Tips:

1. If the account number has a [0] in it, program a HEX digit [A] – press [*][1][*].
2. Disable the reporting of any event by programming the reporting code as data [00].
3. To disable groups of reporting codes (i.e. openings and closings) use the Call Direction option Sections.
4. The Power 832 does not support automatic Contact ID reporting.

Quick Test Procedure:

Press and hold the Auxiliary keys [A]. Upon successful transmission of the signal to the central station, the keypad will beep rapidly 10 times.