Application Notes

DSC

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:

Section [301]	Phone Number 1
Section [310]	System Account Number
Section [311] – [318]	Partition Account Number
Section [350]	Communicator Format Option
Section [351] – [376]	Communicator Call Direction Options (*Optional*)
Section [381]	Second Communicator Option Code (*Optional*)
Section [320] – [349]	Reporting Codes (*Optional*)
Section [601] – [608]	Reporting Codes (*Optional*)

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 [359] – [366]   Tamper 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.