PowerSeries – Automatic SIA

Panels:

PC580 (Power432), PC1555MX (Power632), PC5010 (Power832)

Overview:

All of the PowerSeries control panels can generate automatic SIA reporting codes for central station communication.

Programming automatic SIA is a six-step process:

-   Program the central station phone number
-   Program the account number
-   Program the communicator format
-   Program the communicator call direction options
-   Enable automatic SIA
-   Program the reporting codes

Program Sections:

Section [301]	Phone Number 1
Section [310]	Account Number
Section [360]	Communicator Format Option
Section [361] – [368]	Communicator Call Direction Options
Section [381]	Second Communicator Option Code
Section [320] – [353]	Reporting Codes

Step 1 – Program the Telephone Number

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

Note: **Do not program a HEX digit [A] for any digit '0' in the account number. Program a digit [0].**

Step 2 – Program the Account Number

Program the account number in Section [310].

Step 3 – Program the Communication Format

Program data [04] in Section [360] for telephone number 1.

Step 4 – 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 and all events will transmit using phone number 1. To disable the reporting of a group of codes (i.e. openings and closings) turn option [1] OFF in the correct Section.

        Section [361]   Alarm/Restoral
        Section [363]   Tamper Alarm/Restoral
        Section [365]   Opening/Closing
        Section [367]   Test Transmission
        Section [368]   Maintenance Alarms/Restoral

Step 5 – Enable Automatic SIA

To enable automatic SIA turn Option [3] OFF in Section [381].

Step 6 – Program the Reporting Codes

The panel will automatically transmit the correct SIA 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.

        Sections [320] – [353]   Reporting Codes

Technical Tips:

1. Disable the reporting of any event by programming the reporting code as data [00].
2. To disable groups of reporting codes (i.e. openings and closings) use the Call Direction option Sections.
3. When using automatic SIA, all the reporting codes will be sent using the account number programmed in Section [310].

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.