

PowerSeries – Automatic SIA

Panels:

PC5020 (Power864)

Overview:

All 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 system account number
- Program the communicator format
- Program the communicator call direction options
- Enable automatic Contact ID
- Program the reporting codes

Program Sections:

Section [301]	Phone Number 1
Section [310]	System Account Number
Section [350]	Communicator Format Option
Section [351] – [376]	Communicator Call Direction Options
Section [381]	Second Communicator Option Code
Section [320] – [349]	Reporting Codes

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: If a 4-digit account number is required, program the last 2 digits as [FF]. For example, to program account number [1234] program data [1234FF].

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

Note: All reporting codes will be sent with the System Account Number.

Step 3 – Program the Communication Format

Program data [04] in Section [350] 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 [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 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 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.

Sections [320] – [349] 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].
4. If a 4-digit account number is required, program the last 2 digits of the System Account Number as [FF]. For example, to program account number [1234] program data [1234FF].

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.