

**Communication Protocol:**

18 SSSS QXYZ GG CCC K

- 18 = Uniquely identifies this format to the receiver and to an automation system, but not displayed on the printer
- SSSS = 4 digit Subscriber ID
- Q = Event qualifier, which gives specific event information
- E = 1 New event or opening  
R = 3 New restore or closing  
P = 6 Previous event
- YXZ = Event code (3 Hex digits)
- GG = Group number (physical or logical, 2 Hex digits)
- CCC = Zone or sensor number(3Hex digits, event reports) or user number (Open/close report)

**Note:** The GG and CCC fields can contain 0 for a null (no information) field.

## Contact ID Event Code Classification

### Medical Alarm - 100

- 101 Pendant Transmitter
- 102 Fail to report in

### Fire Alarms - 110

- 111 Smoke
- 112 Combustion
- 113 Water Flow
- 114 Heat
- 115 Pull Station
- 116 Duct
- 117 Flame
- 118 Near Alarm

### Panics Alarms - 120

- 121 Duress
- 122 Silent
- 123 Audible

### Burglar Alarms - 130

- 131 Perimeter
- 132 Interior
- 133 24 Hour
- 134 Entry/Exit
- 135 Day/Night
- 136 Outdoor
- 137 Tamper
- 138 Near Alarm

### General Alarms - 140

- 141 Polling Loop Open
- 142 Polling Loop Short
- 143 Expansion Module Failure
- 144 Sensor Tamper
- 145 Expansion Module Failure

### 24H Non-Burglary - 150 and 160

- 151 Gas Detection
- 152 Refrigeration
- 153 Loss of Heat
- 154 Water Leakage
- 155 Foil Break
- 156 Day Trouble
- 157 Low bottled Gas Level
- 158 High Temp
- 159 Low Temp
- 161 Loss of Air Flow

### Fire Supervisory - 200 and 210

- 201 Low Water Pressure
- 202 Low CO<sub>2</sub>
- 203 Gate Valve Sensor
- 204 Low Water Level
- 205 Pump Activated
- 206 Pump Failure

### System Trouble - 300 and 310

- 301 AC Loss
- 302 Low System Battery
- 303 RAM Checksum Bad
- 304 ROM Checksum Bad
- 305 System Reset
- 306 Panel Program Changed
- 307 Self-Test Failure
- 308 System Shutdown
- 309 Battery Test Failure
- 310 Ground Fault

### Sounder/Relay Troubles - 320

- 321 Bell 1
- 322 Bell 2
- 323 Alarm Relay
- 324 Trouble Relay
- 325 Reversing

**System Peripheral  
Troubles - 330 and 340**

- 331 Polling Loop Open
- 332 Polling Loop Short
- 333 Expansion Module Failure
- 334 Repeater Failure
- 335 Local Printer Paper Out
- 336 Local Printer Failure

**Communication  
Troubles - 350 and 360**

- 351 Telco 1 fault
- 352 Telco 2 fault
- 353 Long Range Radio
- 354 Fail to Communicate
- 355 Loss of Radio Supervision
- 356 Loss of Central Polling

**Protection Loop  
Trouble - 370**

- 371 Protection Loop Open
- 372 Protection Loop Short
- 373 Fire Trouble

**Sensor Trouble - 380**

- 381 Loss of Supervisory-RF
- 382 Loss of Supervisory - RPM
- 383 Sensor Tamper
- 384 RF Transmitter Low Battery

**Open/Close - 400**

- 401 Open/Close by User
- 402 Group Open/Close
- 403 Automatic Open/Close
- 404 Late to Open/Close
- 405 Deferred Open/Close
- 406 Cancel
- 407 Remote Arm /Disarm
- 408 Quick Arm
- 409 Keyswitch Open /Close

**Remote Access - 410**

- 411 Call Request Made
- 412 Success - Download Access
- 413 Unsuccessful Access
- 414 System Shutdown
- 415 Dialer Shutdown

**Access Control - 420**

- 421 Access Denied
- 422 Access Report by User
- 441 Stay Arming
- 451 Early Opening /Closing
- 452 Late Opening /Closing
- 453 Late to Open
- 454 Late to Close
- 455 Auto-Arm Failure

**System Disable  
- 500 & 510**

**Sounder/Relay Disable  
- 520**

- 521 Bell 1 Disable
- 522 Bell 2 Disable
- 523 Alarm Relay  
Disable
- 524 Trouble Relay  
Disable
- 525 Reversing Relay  
Disable

**System Peripheral  
Disable - 530 and 540**

**Communication  
Disable  
- 550 and 560**

- 551 Dialer Disable
- 552 Radio  
Transmitter  
Disable

**Bypasses - 570**

- 570 Zone Bypass
- 571 Fire Zone Bypass
- 572 24 Hour Zone  
Bypass
- 573 Burglary Zone  
Bypass
- 574 Group Bypass

**Test/Misc. - 600**

- 601 Manual Trigger  
Test
- 602 Periodic Test  
Report
- 603 Periodic RF  
Transmission
- 604 Fire Test
- 605 Status Report to  
Follow
- 606 Listen-in Follow
- 607 Walk Test Mode
- 621 Event Log Reset
- 622 Event Log 50%  
Full
- 623 Event Log 90%  
Full
- 624 Event Log  
Overflow
- 625 Time/Date Reset
- 626 Time/Date  
Inaccurate
- 627 Program Mode  
Entry
- 628 Program Mode  
Exit
- 631 Exception  
Schedule  
Change