5104B Fire Control Communicator

The Silent Knight Model 5104B is a six-zone fire control communicator providing digital fire reporting over ordinary telephone lines, eliminating the need for costly leased lines. It’s UL 864 and NFPA 72 approved for monitoring local evacuation controls.

As a stand-alone unit, it can be used to monitor:

- Sprinkler systems for waterflow, supervisory, and gate valve tamper conditions.
- Automatic fire detection systems for structures that are not required to have a fire alarm system but want property protection (e.g., to call the fire department after hours).
- Monitors dry contact alarms, trouble and supervisory outputs, then transmits a separate code for each.

The Model 5104B is fully supervised. Its microprocessor constantly runs programs to monitor AC, standby battery, zone inputs and telephone line connections. If a fault condition is detected, it sounds a local trouble audible and reports the condition to the central station. If one of the telephone lines faults for more than 60 seconds, it will automatically switch to the other to report the failure.

The communicator will signal activation, restoration and trouble conditions on any of the six inputs. If an application requires a different input configuration, the individual input styles may be changed by using a Model 7181 Fire Zone Converter Module. The 7181 also allows use of two-wire type smoke detectors, instead of the normal four-wire contact type, for automatic fire detection applications.

FEATURES & BENEFITS

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<th>Feature</th>
<th>Benefit</th>
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<tr>
<td>UL 864 Listed as an NFPA 72 Central Station or Remote Station protected premise unit</td>
<td>Provides independent monitoring for evacuation controls.</td>
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<td>FM approved</td>
<td>Ensures compliance with fire code requirements.</td>
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<td>Can be used as a stand-alone or as an add-on DACT</td>
<td>Supports flexibility in system design and installation.</td>
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<td>Six fully supervised inputs: one Class A input, and five Class B inputs</td>
<td>Enables diverse input configurations for detection and control.</td>
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<td>Downloadable for remote programming</td>
<td>Facilitates remote monitoring and diagnostics.</td>
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<td>60 hours of standby power</td>
<td>Ensures reliable operation during power outages.</td>
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<td>Fuseless overload protection with automatic reset circuitry and fault indicators — eliminates the cause of most field calls.</td>
<td>Prevents damage caused by current surges.</td>
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<td>Dual phone line interface Automatic self tests every 24 hours with report sent to central station</td>
<td>Enhances system reliability and compliance with testing requirements.</td>
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<td>Reports in SIA and most major communications formats</td>
<td>Supports interoperability with various communication standards.</td>
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<td>A single, programmable output is provided for alarm or dialer failed conditions (cannot be used for evacuation purposes).</td>
<td>Ensures programmable functionality for specific applications.</td>
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5104B Technical Specifications

**PHYSICAL**
Dimensions: 12.25'' W x 14.5'' H x 3.0'' D (31.1cm W x 36.8 cm H x 7.6cm D)
Weight: 15 lbs. (6.75 kg)
Color: Red

**ENVIRONMENTAL**
Operating Temperature: 32°F to 120°F (0°C to 49°C)
Humidity: 10 to 93% relative humidity (non-condensing)

**ELECTRICAL:**
Add-on Applications - UL Listed
Input: 120VAC 60Hz 40 watts

**CURRENT:**
Standby: 50mA
Alarm: 135mA

**STAND ALONE APPLICATIONS**
Input: 120VAC 60Hz 40 watts
Standby: 12V 7 amp hour rechargeable battery
5230 Remote Annunciator: (three maximum per system)
Load: 60mA standby, 120mA alarm

**INDICATOR LIGHTS (LEDS)**
Power On: (Green)
Trouble Silenced: (Yellow)
Until Trouble is Cleared/Flashing: Supervisory
Dialer Failure: (Yellow)
Telephone Line Fault: (2 Red)
Inside Cabinet at L1 and L2 Inputs

**TELEPHONE REQUIREMENTS**
FCC Registration #: AC698R-17462-AL-E
RINGER EQUIVALENCE: 0.0B
Type of Jack: RJ31X (2 required)

**ORDERING INFORMATION**
5104B: Fire Alarm Communicator. Four-zone digital communication of fire and trouble.

**ACCESSORIES**
5230: Remote Annunciator/Programmer
7181: Fire Zone Converter Module
7860: Telephone Connecting Cord for RJ31X Jack (2 required)
6712: 12 volt, 7AH rechargeable battery

**COMMUNICATION FORMATS:**
SIA, SK 3/1, Sescoa 3/1, Contact ID, SK 4/2, Radionics BFSK

**AGENCY LISTINGS AND APPROVALS**
- UL Listed - UL864/NFPA 72 Central and Remote Supervising
- Station Fire Alarm System Service
- FM Approved
- CSFM Approved
- MEA

For a complete listing of all compliance approvals and certifications, please visit www.silentknight.com.

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For Technical Support, call 800-446-6444

For more information
Learn more about Honeywell Silent Knight and other products by visiting www.silentknight.com

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