Honeywell
SILENT KNIGHT

5104B
Fire Control Communicator

larmco Systems

Call (800) 877-9815

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.

5104B

FEATURES & BENEFITS

• UL 864 Listed as an NFPA 72 Central Station or Remote Station protected premise unit

• FM approved

• Can be used as a stand-alone or as a add-on DACT

• Six fully supervised inputs: one Class A input, and five Class B inputs

• Downloadable for remote programming

• 60 hours of standby power

• Fuseless overload protection with automatic reset circuitry and fault indicators — eliminates the cause of most field calls.

• Dual phone line interface Automatic self tests every 24 hours with report sent to central station

• Reports in SIA and most major communications formats

• Operates on loop start phone lines ahead of the building PBX system.

• A single, programmable output is provided for alarm or dialer failed conditions (cannot be used for evacuation purposes).

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

Honeywell Silent Knight
12 Clintonville Road
Northford, CT 06472
800-328-0103

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