

5824

Serial/Parallel Interface Module

With one parallel and one RS-232 serial port, the 5824 Serial/Parallel Interface Module allows you to connect virtually any standard PC-compatible printer to the Honeywell Silent Knight® Series Fire Alarm Control Panels (FACPs) to generate reports on-site.

Connecting a printer to the FACP allows you to print a log of real-time events and generate user-friendly reports of event history and detector status. Also, because a system can have multiple 5824 modules, you can locate printers strategically throughout the installation. The 5824 also provides the gateway interface for communicating to other systems, such as a building control system. The gateway protocol is a data stream produced by the FACP that can be used to display system events on a PC monitor. The protocol allows a building control system to handle events and to silence or reset the FACP. The gateway protocol can be used to interface with CadGraphics, the PC-based graphics annunciator software (available from Honeywell).

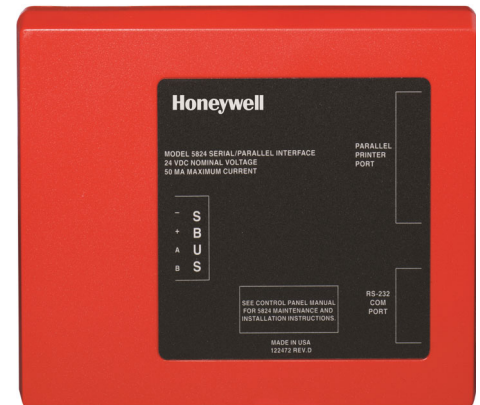
COMPATIBILITY

The 5824 Gateway Module is compatible with the following FACPs:

- 6820
- 6820EVS
- 6808
- 6700
- 5700
- 5808
- 5820XL
- 5820XL-EVS

FEATURES AND BENEFITS

- UL listed. Complies with UL 864, 10th Edition; UL 2572, 2nd Edition
- Complies with NFPA 72 and NFPA 101
- FDNY, CSFM, and FM approved
- UL listed with the OKI® Data Microline® 320 parallel printer
- Allows connection of standard computer printers
- Quick and easy to install
- DIP switches for setting ID codes
- Housed in a sturdy, wall-mountable, plastic enclosure
- Parallel and RS-232 serial output
- Reports event with date/time stamp in user friendly report format
- Out of paper/system trouble annunciated at the fire panel
- Gateway interface can be used to display system events on a PC monitor and interface with building control systems
- Interfaces with the CadGraphics PC-based graphics annunciator software
- Wiring lengths up to 6000 ft. (1.83 km) from the FACP



5824 TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions: 7.75" W x 6" H x 1.438" D
(19.7 cm W x 15.2 cm H x 3.65 cm D)

Color: Red

ENVIRONMENTAL

Operating Temperature: 32° F to 120° F
(0° C to 49° C)

Humidity: 0 to 95% relative humidity
(noncondensing)

ELECTRICAL

Operating Voltage: 24 VDC

Standby Current: 45 mA

Alarm Current: 45 mA

Maximum Wiring Distance: 6,000 ft. (1.83 km) from FACP (depending on wiring method)

Maximum 5824s per System:

- 2 for:
 - 5700
 - 5808
 - 5820XL
 - 5820XL-EVS
- 4 for:
 - 6700
 - 6808
 - 6820
 - 6820EVS

ORDERING INFORMATION

5824: Serial/Parallel Printer Interface Module

STANDARDS AND CODES

The 5824 complies with the following standards/codes:

- UL 864, 10th Edition: Standard for Control Units for Fire Alarm Systems
- UL 2572, 2nd Edition: Standard for Mass Notification Systems
- NFPA 72: National Fire Alarm and Signaling Code
- NFPA 101: Life Safety Code

AGENCY LISTINGS AND APPROVALS

- UL Listed: S3511
- FDNY: COA # 6122
- CSFM Approved
- FM Approved

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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