

Panel | System Accessories

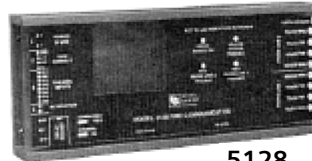
Four-Channel (*Fire-Secondary*) Digital Communicator Models 5128 | 5129 | 5230

ARCHITECT AND ENGINEER SPECIFICATIONS

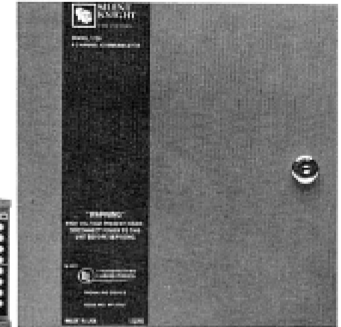
- Four (4) fully supervised input channels
- Dual-phone line interface and line-fault monitoring
- Automatic 24-hour test
- Reports in eight (8) standard-communication formats
- Local-keypad Programmer / Annunciator module (Model 5230)
- Remote programming (Upload / Download)
- Relay output for system *Alarm* or *Trouble* conditions
- Compact size allows mounting in most control Cabinets; also available in separate enclosure, via Model 5129



Model 5230



5128



Model 5129

- **UL864 9th Edition Listed;**
Meets NFPA 72 Chapter 4, for Central Station / Remote Station monitoring
 - **UL Listed as a secondary communicator for connection to System 3™, SXL®-EX, FireFinder® XLS and MXL® fire-alarm control panels (FACPs)**

Product Overview

Siemens — Fire Safety offers the (4) four-channel, dual-line digital communicators (Models 5128 and 5129 by Silent Knight). These 'secondary' communicators are designed to monitor **UL** Listed FACPs. Model 5128 is specifically designed and meets fire codes for mounting in FireFinder, System 3, SXL-EX and MXL system enclosures. Power from each of the aforementioned FACPs drives Model 5128.

Programming and troubleshooting time is minimized by user-friendly, English-version messages available with the local programmer (Model 5230).

Specifications

Channel Inputs

Four (4) supervised / unsupervised channel inputs can be configured as either voltage inputs; active, high or low inputs, or contact closure inputs.

Siemens FACPs (XLS, SXL-EX and MXL) use a contact closure(s) for each channel.

Each XLS FACP connects to Model 5129, via the dry contacts on the *Alarm*, *Trouble* and *Supervisory* commands on the Power Supply Charger (Model PSC-12).

The preset channels are programmed as follows:

- Channel 1:** *Alarm* (Fire)
- Channel 2:** *Trouble* (Fire)
- Channel 3:** *Sprinkler* (*Supervisory*)
- Channel 4:** *Alarm* (Undefined)

Phone-Line Monitors

Two (2) phone-line circuits detect phone line faults by monitoring their voltages. Reporting of a fault as a *trouble* condition is delayed by 40-90 seconds. If the condition should persist, an audible *trouble* event in either Model 5128 or Model 5129 communicator will sound, and the *trouble* event will be reported to the central station. Models 5128 and 5129 are equipped with line seizure to ensure phone-line accessibility.

(4) Four-Channel Digital Communicator 4000

Specifications — (continued)

Test Functions

After power-up, the Models 5128 and 5129 self-test system status. A 'watchdog' circuit on the microprocessor resets the communicator if a failure occurs. Additionally, a 24-hour auto test can be programmed to a central station at a precise time. The installer can also initiate a manual test using the Model 5230 programmer.

Programming / Downloading

The LCD keypad programmer (Model 5230) can be temporarily connected to program or troubleshoot the on-site communicator. English-language messages assist in entering data, changing the 24-hour test time, and describing current conditions.

AC Monitoring

All FACPs – as well as the Model 5128 and 5129 communicators – can be programmed to delay transmission of this signal to a central station as required by Underwriters' Laboratories.

Technical Data

Electrical:	Input — 24 VDC from ©UL Listed FACP
Maximum DC Load:	Standby — 84mA Alarm — 154mA
Relay Output:	Form 'C' at 1Amp; 24 VDC / 24 VAC for Alarm or Trouble
Indicator Lights:	Green LED: Power 'On'; Red LED: Phone-line Trouble Yellow LED: Input fault and system Trouble
Connection:	Screw terminals for phone line and relay outputs. Color-coded flying leads for control-panel inputs
Reporting Formats:	Communicates via: <ul style="list-style-type: none"> ▪ SK 3/1 ▪ SK 4/2 ▪ SESCOA 3/1 ▪ SK FSK (4/2) ▪ Radionics BFSK 14 and 23 ▪ SIA 8 / SIA20 formats
Telephone Requirements:	FCC registration Number: AC6USA-75160-AL-E Ringer Equivalence: 0.9B Type of Jack: RJ31X [two (2) jacks required]

Mechanical Data

Model 5128:

Dimensions:	8-3/4" (22.23 cm.) [H]; 4" (10.2 cm.) [W], 1-1/4" (3.2 cm.) [D]
Enclosure:	Vinyl / Acrylic, meets ©UL94 V0
Color:	Black
Weight:	2 Lbs. (907 g)

Model 5129:

Dimensions:	10-3/8" (26.4 cm.) [H]; 10-1/8" (25.7 cm.) [W], 3" (7.62 cm.) [D]
Enclosure:	Sheet-metal Cabinet
Color:	Red
Weight:	6 Lbs. (2722 g)

Accessories:

Model 5230:	Programmer / Annunciator with harness
Model 5128:	Telephone Interface Kit — Includes RJ-31X block and cord (3 ft. / 0.9m.) with spade connectors

Details for Ordering

Model	Part Number	Description
5128	500-693213	Silent Knight 4-Channel, Dual-Line Digital Fire Communicator — Internal
5129	500-693214	Silent Knight 4-Channel, Dual-Line Digital Fire Communicator — Remote
5230	500-693215	Programmer / Annunciator with Harness

Mounting Options

System 3:	Mount in rear of enclosure, or on mounting rails
SXL-EX:	Mount on inside front door below viewing window, or left-side back box
MXL:	Mount on inside of either a Model MHD-2 or Model MSR-1 rail kit
XLS:	Mount on inside of any Model CAB-series enclosure

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.