

Cerberus PRO

Operating Interface Units

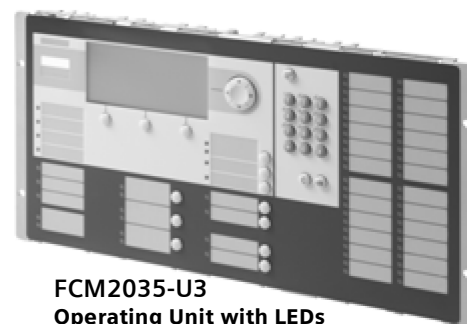
Models FCM2018-U3, FCM2035-U3

ARCHITECT AND ENGINEER SPECIFICATIONS

- **Multi-use, main-system interface modules**
 - *Power, Alarm, Gas Alarm, Supervisory, Silenced, Ground Fault, Audibles On, and Trouble* system-status LEDs → with *Alarm* as having a larger, distinctive LED
 - Partial-system disable LED
 - Audible Status LEDs ('On' and 'Silenced')
 - 10 configurable LEDs
 - Model FCM2035-U3 contains one (1) set of 48 light-emitting diodes(LEDs)
- **System-control menus**
 - Context-sensitive 'Help' menu
 - Four-way navigation buttons and extended-views capability
- **Ethernet-port connectivity for system configuration and Firmware-software transfers**
- **5.1 cm. —x— 12.1 cm. backlit liquid-crystal display (LCD)**
- **Global annunciation and control capability**
- **Alphanumeric pad**
- **User-prompted large softkey buttons for multi-programming options and system-control operating sequence**
 - Seven (7) spare user-programmable buttons
 - Slide-in labels appear adjacent to system-operation buttons
- **ULC Listed**



FCM2018-U3
Standard Operating Unit



FCM2035-U3
Operating Unit with LEDs

Product Overview

The Operating Interface Units (Models FCM2018-U3 and FCM2035-U3) function as the operator interfaces and central microprocessors for the Cerberus PRO fire-alarm control panels (Models FC922 and FC924); the Cerberus PRO Intelligent Voice Communication [IVC] systems (Models FV924 and FV924), as well as the Fire Terminal (Model FT924).

The Model FCM2018-U3 and Model FCM2035-U3 operating units provide multi-use capability for each end-user to efficiently 'Acknowledge' events; to quickly control the notification-appliance circuits (NACs) of the corresponding fire alarm control panel (FACP), and to permit a manual reset of the respective system.

Detailed information about the nature and location of the events can also be displayed, via a 5.1 cm. —x— 12.1 cm. backlit LCD screen.

An audible will sound in any instance where there is an 'unacknowledged' event taking place on either Model FCM2018-U3 or Model FCM2035-U3 operating unit.

Specifications

Just below the LCD screen are three (3) user-programmable softkey buttons that are used to control the displayed information and to navigate through these screens. Keys are provided for entering into the menu features of each interface module. To the right of the LCD is the four-way navigation-menu button, allowing the end-user to scroll through the list of events.

Models FCM2018-U3 and FCM2035-U3 contain the site-specific program configuration created in the custom-configuration tool. Models FCM2018-U3 and FCM2035-U3 also provide a complete menu for generating system-status reports.

Each Cerberus PRO system is operated and controlled from either one of these units, which uses support buttons for system-operation commands: *Acknowledge; Silence Audibles; Unsilence Audibles, and Reset*. Model FCM2035-U3 contains one (1) extra set of 48 LEDs.

Cerberus® PRO
Fire Safety Products

9801C
Operating Interface Units

Specifications – (continued)

Models FCI2016-U1 and FCI2017-U1 provide connection for power and communication of the periphery boards.

With the use of the custom-configuration tool, Models FCM2018-U3 and FCM2035-U3 can provide global functionality by annunciation and control of multiple Cerberus PRO systems. Moreover, the programming software is held in flash electrically erasable programmable read-only memory (EEPROM).

The display screen for each interface module categorizes events by type, providing a separate event tab for *Fire Alarm, Gas Alarm, Supervisory, Trouble* and *Test* events.

Each event can have a custom message of up to 40 characters describing the event's location. In addition to the text message, the system displays the category of the active event: (e.g. – *Automatic Alarm, Water Flow, Manual*, etc) – the category means more to responding officials than model numbers.

Up to eight (8) events can be displayed at a time. When more than eight (8) events are present, the four-way navigation-menu buttons allow the end-user to scroll up and down the list of events.

A progress meter on the right side of the list indicates the size of the list of events and the location in the list. New, 'unacknowledged' events are indicated by a flashing exclamation point (!). Once 'acknowledged', the exclamation point changes to a non-flashing check mark (✓).

A Maintenance Menu contains options for adjusting the contrast and brightness for the LCD screen, as well as supplying options for diagnostics and system-configuration programming.

Once beyond the password-protected initial screen in 'Menu' view, system-configuration functions allow the end-user to enable, disable, or test alarms; activate / deactivate switches; report, control and maintain data. The soft-key buttons allow the end user to scroll down, allowing for further information to be displayed on a given event. This data can be vital to an authority-having-jurisdiction (AHJ), or any fire official responding to an *Alarm* system command.

Models FCM2018-U3 and FCM2035-U3 also provide a complete menu for generating system-status reports.

Each operating interface unit provides the user with seven (7) extra programmable buttons that can be programmed for a variety of usages. Models FCM2018-U3 and FCM2035-U3 mount to the inner door of the enclosure (Model FHD2004-U1).

The operating interface units also support the following optional modules:

- SafeDLINK / Cnet network module for 'peer-to-peer' networking of Cerberus PRO FACPs
- RS-485 module (Model FCA2016-U1) for connection to remote-display terminals (RDTs) and / or remote peripheral modules (RPMs) for printers

Temperature and Humidity Range

Operating Interface Units are @ULC Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% a temperature of 90 +/ -3°F (32+/-2°C).

Details for Ordering

Model	Part Number	Description
FCM2018-U3	S54400-C40-A2	Operating Interface Unit for the Cerberus PRO FACP
FCM2035-U3	S54400-C140-A1	Siemens – Canada Operating Interface Unit [w/ LED module] for the fire-only Cerberus PRO FACPs, and Intelligent Voice (IVC) systems

SIEMENS Cerberus® PRO

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NOTICE — The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The devices described here have specific instruction sheets that cover various technical, limitation and liability information.

Copies of these instruction sheets and the *General Product Warning and Limitations* document, which also contains important information, are provided with the product and, are available from the Manufacturer.

Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact the Manufacturer.