SLC-PM/SLC95-PM

SLC Personality Loop Modules

The SLC-PM/SLC95-PM provide communication between the S3 Series panel and the SLC devices.



SLC-PM (System Sensor)



SLC95-PM (Apollo)

GENERAL

The Gamewell-FCI®, S3 Series (Small Addressable Fire Alarm Control Panel) signaling line circuits (SLCs) provide the communication between the S3 Series fire alarm control panel and the SLC devices. Each SLP-E3 (Smart Loop Panel) main board supports either one or two of the following plug-in SLC-Personality Modules:

- SLC-PM (Signaling Line Circuit Personality Module)
- SLC95-PM (Signaling Line Circuit-95-Personality Module)

The SLC-PM/SLC95-PM modules provide one SLC loop in Class B or Class A wiring.

The SLC-PM supports the following devices:

- Up to 318 System Sensor Velociti® devices.
  - 159 sensors and 159 modules
- Up to 198 System Sensor CLIP devices.
  - 99 sensors and 99 modules

The SLC95-PM supports the following devices:

- Up to 126 Apollo XP95 devices.
  - 126 sensors and modules

INSTALLATION

The SLC-PM/SLC95-PM modules are designed to be plugged into the Smart Loop Panel-Main Board (SLP-E3). This feature allows you to expand the S3 Series (Small Addressable Fire Alarm Control System without the need to remove or replace hardware.

ORDERING INFORMATION

SLC-PM: System Sensor, Signaling Line Circuit-Personality Module with up to 318 devices

SLC95-PM: Apollo SLC Personality Module with up to 126 devices

FEATURES AND BENEFITS

- Listed per ANSI/UL® Standard 864, 10th Edition
- SLC-PM supports the System Sensor Velociti protocol using up to 318 devices
- Uses up to 159 sensors and 159 modules
- SLC95-PM supports the Apollo XP95 protocol using up to 126 devices
- Uses up to 126 sensors and modules
- Supports Class A or Class B Wiring
- Offers a simple, plug-in installation feature

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SLC-PM/SLC95-PM TECHNICAL SPECIFICATIONS

SYSTEM

SLC-PM:
Operating Current: 0.014 amp
Alarm Current: 0.014 amp
SLC95-PM:
Operating Current: 0.016 amp
Alarm Current: 0.016 amp
Line Impedance: 40 Ohms
Line Capacitance: 0.5 uf max.
Operating Voltage: 24 VDC FWR
Operating Temperature: 32° to 120° F (0° to 49° C)
Relative Humidity: 0 to 93%,non-condensing at 90° F (32° C)

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (non-condensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The SLC-PM/SLC95-PM are designed to comply with the following standard:
UL Standard: UL 864, 10th Edition

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.
UL Listed: S1869
UL 864,10th Edition
FM Approved
MEA FDNY: COA # 6162
CSFM: 7165-1703:0176
City of Chicago Approved: Class 1
Reference Certificate of Compliance: VMA 45894-02C
ISO 9001 Certification

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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.

Country of origin: U.S.A.

Honeywell Gamewell-FCI
12 Clintonville Road
Northford, CT 06472-1610
203.484.7161
www.gamewell-fci.com

9021-60781 | F | 06/20
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