

# GEMC-F8ZCPIM Conventional 8 Fire Zone Expander Plug in Module DATA SHEET

333 Bayview Avenue Amityville, New York 11701 For Sales and Repairs, (800) 645-9445 For Technical Service, (800) 645-9440 Publicly traded on NASDAQ Symbol: NSSC

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## **OVERVIEW**

The GEMC-F8ZCPIM is a conventional (8) zone 2-wire fire input module that plugs into GEMC Motherboard to provide support for conventional 2-wire smoke detectors, or any other conventional fire detection device.

# **ELECTRICAL RATINGS**

Input Power: 12V Regulated, 120mA standby + total combined standby & alarm current.

**Output Power:** 

**AUX PWR:** 12V Regulated, 700mA maximum. **RST PWR:** 12V Regulated, 700mA maximum.

Maximum Total Combined Standby and Alarm Current: 120MA + total combined standby current. Must reduce GEMC-Series motherboard total combined 12V standby power by GEMC-F8ZCPIM total combined standby current.

**Zone Ratings:** 

Voltage: 12VDC nominal.

Current: 2mA maximum detector current per zone loop.

**Alarm:** 42mA maximum alarm current per zone.

Maximum Loop Resistance: 10 ohms.

**Note:** Zones not programmed into Area 1 and not wired with an EOLR will not pull any current in standby or in

alarm. All initiating circuits are Class B.

Compatibility Identifier: GEMC.

#### PHYSICAL

Dimensions (HxW): PC Board 21/2" x 43/4"

## AGENCY LISTINGS

UL864 9th Edition: Commercial Fire

UL985: Household Fire Warning System Units

NFPA 72 National Fire Alarm Code

Security Industry Association (SIA) False Alarm Reduc-

tion Standard CP-01

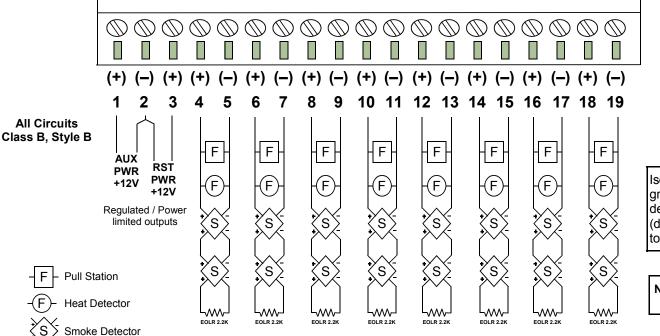
CSFM: California State Fire Marshall (Pending)

FM Approval: (Pending)

NYCFD: NYC Fire Department (Pending)

## ORDERING INFORMATION

**GEMC-F8ZCPIM:** Conventional (8) zone 2-wire fire input module. Plugs into GEMC Motherboard to provide support for conventional 2-wire smoke detectors, or any other conventional fire detection device.



Maximum one
(1) wire per
terminal
Wire Range

12-24 AWG

Isolated integral ground-fault

detection circuit (detects 1.25K $\Omega$  to ground or less)

**Note:** Inputs 1-8 are supervised

Caution: Do not mix pull stations and/or heat detectors on zones with smoke detectors using internal sounders.