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# GEMC-F8ZCPIM

## Conventional 8 Fire Zone Expander Plug in Module

### DATA SHEET

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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 2½" x 4¾"

#### 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 Reduction 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.

