CFP-16

Conventional Fire Alarm Control Panel

NOTIFIER®
by Honeywell

INTUITIVE | RELIABLE | FLEXIBLE | SMARTER

GENERAL

Designed in Australia to meet local conditions and requirements, the CFP-16 demonstrates that systems approved to AS7240.2 don't mean compromise.

With usability as a key focus for development and utilizing industry leading manufacturing and testing practices; the CFP-16 will provide an easy to use and powerful detection and control system for all conventional detection applications.

The standard panel is equipped with 8 zones but may be extended to 16 Zones by the addition of an 8 Zone expansion module.

The CFP-16 is extremely flexible and can be programmed to meet the demands of a wide variety of building types.

The CFP-16 panel is compatible with the System Sensor detectors and peripheral devices supplied by Notifier.

FEATURES

- 8 Zones – expandable to 16 Zones
- 80 character LCD display providing a simple user friendly interface
- 24 character programmable zone descriptor
- Zones can be configured for a range of different device type functions
- Outputs may be programmed for different functional and cause & effect requirements
- Compact 5.6 or 11.7 Amp system power supply and charger
- Optional programmable OWS with control, display and microphone module
- Optional 8 way programmable relay modules
- Two cabinet sizes 650 mm and 900 mm
- Remote LED mimic available

Initiating Device Circuits (Zones)

- 8 or 16 zone interface circuits
- Up to 40 devices per zone (limited by AS1670.1)
- Compatible with SYSTEM SENSOR 100 series devices (refer to CFP-16 manual for complete list of compatible devices)
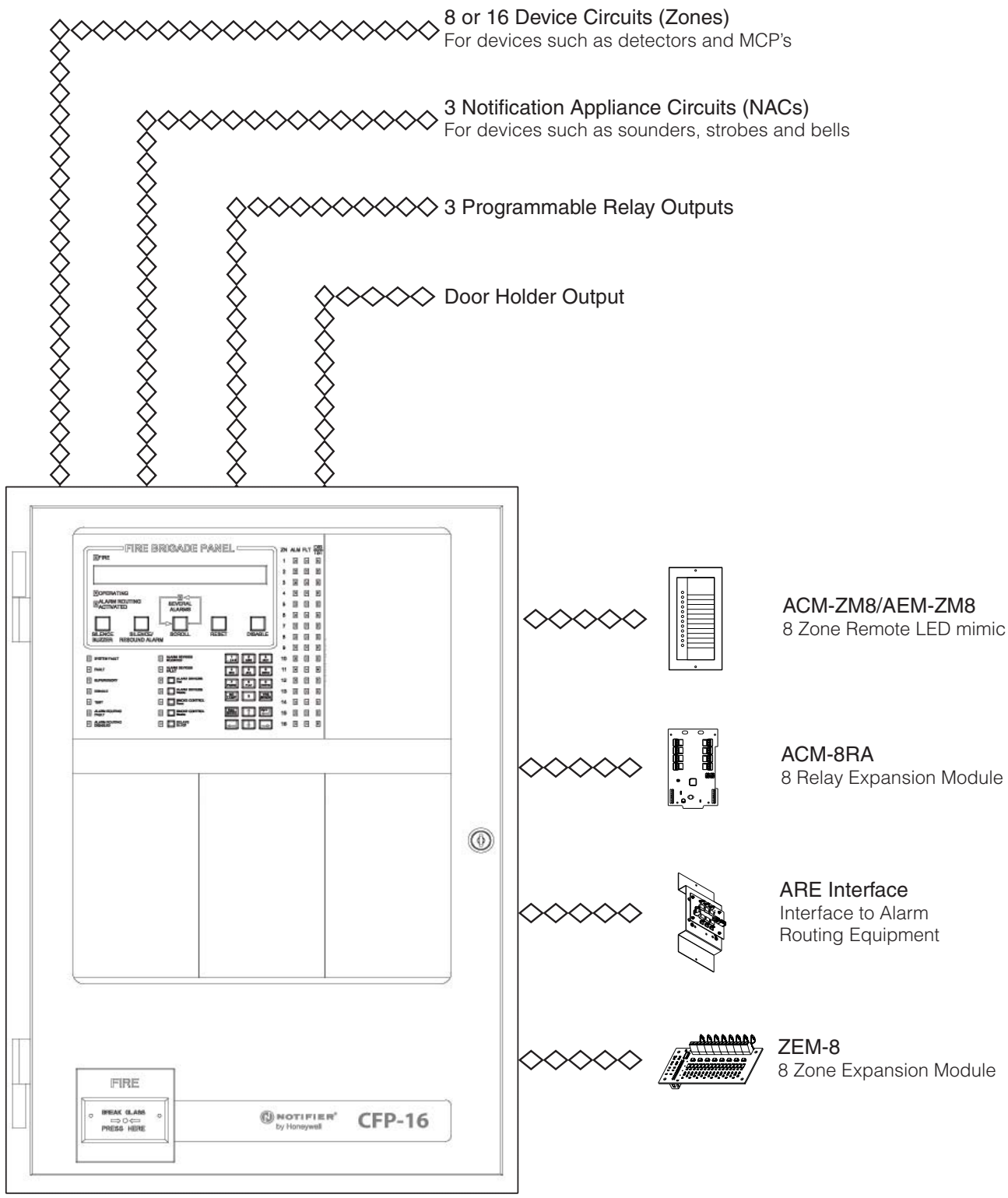
Notification Appliance Circuits (NACs)

- Three independently programmable output circuits
- All circuits are power-limited and supervised by 4k7 Ohm
- End of Line (EOL) resistor.
- Up to 1A power per NAC

Auxiliary Outputs

- Three independently programmable relay outputs, preconfigured for Alarm, Fault (normally energized) and Disable.
- Auxiliary power output (internal only).
- One Door Holder output circuit, fused at 3A.

NOTE: Total power requirement of FACP consumption, charger requirements and power outputs of NAC and auxiliary power must not exceed the capability of installed power supply.

8 or 16 Device Circuits (Zones)
For devices such as detectors and MCP's

3 Notification Appliance Circuits (NACs)
For devices such as sounders, strobes and bells

3 Programmable Relay Outputs

Door Holder Output

ACM-ZM8/AEM-ZM8
8 Zone Remote LED mimic

ACM-8RA
8 Relay Expansion Module

ARE Interface
Interface to Alarm
Routing Equipment

ZEM-8
8 Zone Expansion Module

CFP-16 Connection Overview

PRODUCT LINE INFORMATION

CFP-16/650-8Z-PS5: Fire Alarm Control Panel with eight zones, 5.6A power supply installed in a CAB650 enclosure.

CFP-16/650-8Z-PS11: Fire Alarm Control Panel with eight zones, 11.7A power supply installed in a CAB650 enclosure.

CFP-16/900-8Z-PS11: Fire Alarm Control Panel with eight zones, 11.7A power supply installed in a CAB900 enclosure.

CAB650/BB: Optional battery box enclosure for additional capacity; holds up to two 33AH batteries.

ZEM-8: Eight zone expansion module; to expand from eight to sixteen zones.

ACM-8RA: Relay module which provides eight individually configurable (C/NO/NC) relay contacts.

ACM-ZM8: Remote LED mimic annunciator which provides indication for up to eight zones.
Requires annunciator mounting enclosure.

AEM-ZM8: Remote LED mimic expansion annunciator which provides indication for up to an additional eight zones.
Requires annunciator mounting enclosure and ACM-ZM8.

ARE/C: Alarm Routing Equipment interface and mounting bracket to suit Tyco Centaur.

ARE/R: Alarm Routing Equipment interface and mounting bracket to suit Romteck and Tyco Centaur II.

ARE/CR: Alarm Routing Equipment interface and mounting bracket to suit Chubb Code Red.

SPECIFICATIONS

System Capacity

- Initiating device circuits (zones) . . . . 8 or 16
- Expansion modules (total) 32

Total expansion ACM modules is ACM-8RA and ACM-ZM.

Electrical Specifications

AC Power: NPS-5 fitted: 240vac, 0.8A, 50Hz. NPS-11 fitted: 240vac, 1.5A, 50Hz. Input Fuse: M205 8.0A, 250V.

Battery: Two 12V Sealed lead Acid batteries. Battery charger capacity: 7AH-85AH (CAB650 and CAB900 enclosures hold maximum of two 33AH batteries)

Initiating Device Circuits: Power-limited, supervised circuit. End-of-Line Resistor: 4k7 ohm, ½ watt.

Notification Appliance Circuits: Power-limited, supervised circuit. Maximum current per circuit: 1.0A. End-of-Line Resistor: 4k7 ohm, ½ watt.

Programmable Relays: Contact Rating: 1.0A @ 30V DC (resistive)

Door Holder Output: Powered output protected by automotive fuse. Rating: 3.0A @ 30V DC (resistive)

Auxiliary Power (internal only): 24VDC power limited output for auxiliary devices installed within enclosure.

Cabinet Specifications

CAB650: 650mm(h) x 450mm(w) x 190mm(d)

CAB900: 900mm(h) x 450mm(w) x 190mm(d)

CAB650/BB: 300mm(h) x 450mm(w) x 190mm(d)

All cabinets are powder-coated charcoal texture. Dulux code: 88351

Temperature And Humidity

This system has been certified for operation at 0º to 55ºC and at a relative humidity 10% to 93%

AGENCY LISTINGS AND APPROVALS

AS7240.2:2004 & AS7240.4:2004
AS4428.3:2010
Activfire certificate # afp-2886

For more information please contact your nearest Notifier Office or Distributor

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