

CFP-16

Conventional Fire Alarm Control Panel



Conventional Fire Systems

GENERAL

The Notifier CFP-16 conventional fire control panel is designed to be used as a component of a fire alarm control system.

The CFP-16 system is suitable for small to medium sized buildings and is fully compliant with the New Zealand standard NZS4512:2010 and New Zealand building code.

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 Notifier range of conventional heat detectors, manual call points and System Sensor smoke detectors plus a variety of other conventional fire detection products.



FEATURES

- 8 Zones - expandable to 16 Zones
- 2 x 40 character LCD display providing a simple user friendly interface
- 24 character plain English zone descriptor
- Smart menu driven display for clear annunciation, simple interrogation, configuration and control
- Flexible full featured programmability
- Each zone can be configured for a range of different device type functions
- Each output can be programmed for different functional and cause & effect requirements
- Compact 5.6 or 11 Amp system power supply and charger
- Inbuilt programmable Occupant Warning System 30, 60 or 120 Watts
- Optional 8 way programmable relay modules
- Optional OWS control, display and microphone module
- Front or Rear service options
- Two cabinet sizes 650 mm and 900 mm
- ACM-ZM - LED Zone mimic interface module
- Remote slim LED mimic options (425mm or 900mm)

Initiating Device Circuits (Zones)

- 8 or 16 zone interface circuits
- 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: The total power requirement of the FACP and any additional NAC and Auxiliary outputs must not exceed the capacity of the installed power supply system.

PRODUCT LINE INFORMATION

FG-32-001 - CFP-16/650-8Z-PS5: CFP-16 Base Panel 650mm cab, 8 Zone, 5A PSU (Including: EBCO switches, Door switch and ACM-ZM 8 Zone mimic interface Module)

FG-32-002 - CFP-16/900-8Z-PS5: CFP-16 Base Panel 900mm cab, 8 Zone, 5A PSU (Including: EBCO switches, Door switch and ACM-ZM 8 Zone mimic interface Module)

FG-32-003 - CFP-16/650-8Z-PS11: CFP-16 Base Panel 650mm cab, 8 Zone, 11A PSU (Including: EBCO switches, Door switch and ACM-ZM 8 Zone mimic interface Module)

FG-32-004 - CFP-16/900-8Z-PS11: CFP-16 Base Panel 900mm cab, 8 Zone, 11A PSU (Including: EBCO switches, Door switch and ACM-ZM 8 Zone mimic interface Module)

FG-72-021 - NZ Acrylic (FS) kit: inc Annun.Plates CAB650 (CFP-16)

FG-72-022 - NZ Acrylic (FS) kit: inc Annun.Plates CAB900 (CFP-16)

FG-72-026 - CAB650 Rear Service Mimic Surround Kit

FG-72-027 - CAB900 Rear Service Mimic Surround Kit

ASY-01-039 - ZEM-8: Eight zone expansion module; to expand from 8 to 16 zones

ASY-02-022 - ACM-8RA: Relay module which provides eight individually configurable (C/NO/NC) relay contacts.

ASY-01-026 - AEM-ZM: IFS-721 8 zone mimic expansion card

ASY-01-048 - SGD: SGD interface to suit CFP-16NZ

ASY-01-043 - ANP: Annunciator name plate

For further variants please contact your nearest Notifier Sales Office.

SPECIFICATIONS

System Capacity

- Initiating device circuits (zones) 8 or 16
- ACM-ZM 4
- ACM-8RA 28
- Expansion modules (total) 32

Electrical Specifications

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

Current Draw: Quiescent: 100mA, Defect: 110mA, Alarm: 240mA (for 8 zone panel)

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)

Material: 1.2mm Zinc Sealed Steel

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

Temperature And Humidity

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

AGENCY LISTINGS AND APPROVALS

Certified to NZS4512:2010
FPA Register # NI/102



This document is not intended 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.

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