

Conventional Series Fire Panels



Overview

The Kidde Conventional Series fire panels are designed with simplicity in mind and provide easy to use programming that is powerful enough to meet the requirements of any project.

Manufactured to the highest standards, Kidde Conventional Series panels are approved to AS7240.2 and AS7240.4 and its display approved to the Fire Fighters Facility Standard AS4428.3.

The panel comes in a robust metal cabinet and is available in two different sizes.

Advanced features include day/night mode, fully programmable outputs as well as interlinking detection zones and sounder outputs.

Other functions are enable/disable and test modes plus normal, fault and alarm state indication with open circuit faults. All control functions and programming are controlled via a key switch and easy to use DIP switches.

The Kidde Conventional Series panels are cost-effective and reliable making it the ideal panel for standalone, or integrated into larger systems across a wide range of applications.

The Kidde Conventional Series panels are compatible with all Kidde Series Conventional devices.

Standard Features

- Approved to AS7240.2 and AS7240.4 standards for fire alarm panels
- Fire Brigade display and controls approved to AS4428.3
- 2/4/8/16 zone panels with up to 40 Kidde Conventional Series detectors per zone
- Integrated charger and battery management program, fully compliant with latest AS7240.4 standard
- Easy to use operation to enable/disable zones, sounder outputs and alarm outputs
- Programmable outputs to interlink between zones and sounder outputs, alert or evacuate tone, with or without delay
- Optional relay card for individual zone alarm and fault relays
- Optional repeater panel interface for fire alarm indication of multiple zones
- Selectable Day/Night mode
- Test function selectable with or without sounder notification

Technical Specifications

Input Power	220V/230VAC+10%-15%, .6A
Frequency	50/60Hz
Battery Charging Current	320mA (max)
Battery Capacities	7Ah (Small Cabinet) 17Ah (Large Cabinet)
Sounder Outputs (x3)	18VDC ~ 28VDC, 300mA in alarm
Auxiliary Power Output	18VDC ~ 28VDC, 450mA standby, 1000mA in alarm
Detection Zones	15VDC ~ 28VDC, 4.7 KΩ end-of-line resistor
Dry Contact Resistance	470Ω
Recommended Wiring	1.0mm ² or above two core cable, complying with local installation codes. 1000m maximum length
Alarm Output Type	Voltage contact output 18VDC ~ 28VDC, 300mA in alarm or, normally open/close output 1A/24VDC (default: normally open contact output)
Compliance	AS7240.2, AS7240.4, AS4428.3
Operating Environment	0°C ~ +50°C ≤95%, non-condensing
Dimension	Small: 430mm (W) x 320mm (H) x 98mm (D) Large: 440mm (W) x 550mm (H) x 182mm (D)

Ordering Information

Part Number	Description
KID102A-AU	2 Zone FDCIE in Small Cabinet
KID102A-LRG	2 Zone FDCIE in Large Cabinet
KID104A-AU	4 Zone FDCIE in Small Cabinet
KID104A-LRG	4 Zone FDCIE in Large Cabinet
KID108A-AU	8 Zone FDCIE in Small Cabinet
KID108A-LRG	8 Zone FDCIE in Large Cabinet
KID116A-AU	6 Zone FDCIE in Small Cabinet
KID116A-LRG	16 Zone FDCIE in Large Cabinet
RB102A	2 Zone Relay Card
RB104A	4 Zone Relay Card
RB108A	8 Zone Relay Card
RB116A	16 Zone Relay Card
GST-RP16	Conventional Repeater Panel

Accessories and Related Products

Module	Name
DC-9102E-KID	Conventional Smoke Detector
DC-9103E-KID	Conventional Heat Detector
DB-01	Conventional Standard Base
DC-9104E-KID	Conventional Manual Call Point Detector
D-92FC	Protective Flip Cover for 9104 Series MCP
D-92WPB	Waterproof Box for 9104 Series MCP
P-9910B	Hand Held Programmer

