



Key Features

- Ability to identify up to 16 individual gas detector gas levels and in which monitoring zone the detector is located.
- Built-in connectivity to existing BAS & fire alarms compatibility.
- Fascia mounted EM stop, can accept remote EPO buttons & heat detectors.
- Easy to install – The use of clearly marked PCB connections, low voltage wiring and push-fit wiring connections makes the GDP2X very simple to install
- Covered by Canadian Gas Safety 3 year warranty

Overview

The Merlin GDP2X is a 16 zone gas detection panel which can be used in many applications, e.g. mechanical rooms, car parks, shopping malls and the most common being a boiler house application.

The GDP2X has a touch screen which displays two modes, the engineers mode and the user mode. A settings dipswitch inside the controller allows the engineer/user to configure the system. When changes have been, the system will automatically restart once the settings switch is off.

Many varieties of detectors are compatible with GDP2X, e.g. Natural Gas, Carbon Monoxide, LPG, Refrigerant Gas and Oxygen depletion. Up to 16 detectors can be used in any combination and can be individually monitored on the GDP2X TFT display.

Also multiple heat detector links can be used, when wired in series. The GDP2X can be integrated with a BMS, fire alarm and remote EPO buttons. Gas detectors are fixed remote from the GDP2X panel & should be wired back to the GDP2X panel with three wire low voltage cable.

Applications

- Mechanical Room
- Boiler House
- Car Parks
- Machine Shop Tool Control
- Commercial industrial spaces
- Factory Machine Control
- Electrical Receptacle Control
- Drug Test Laboratory

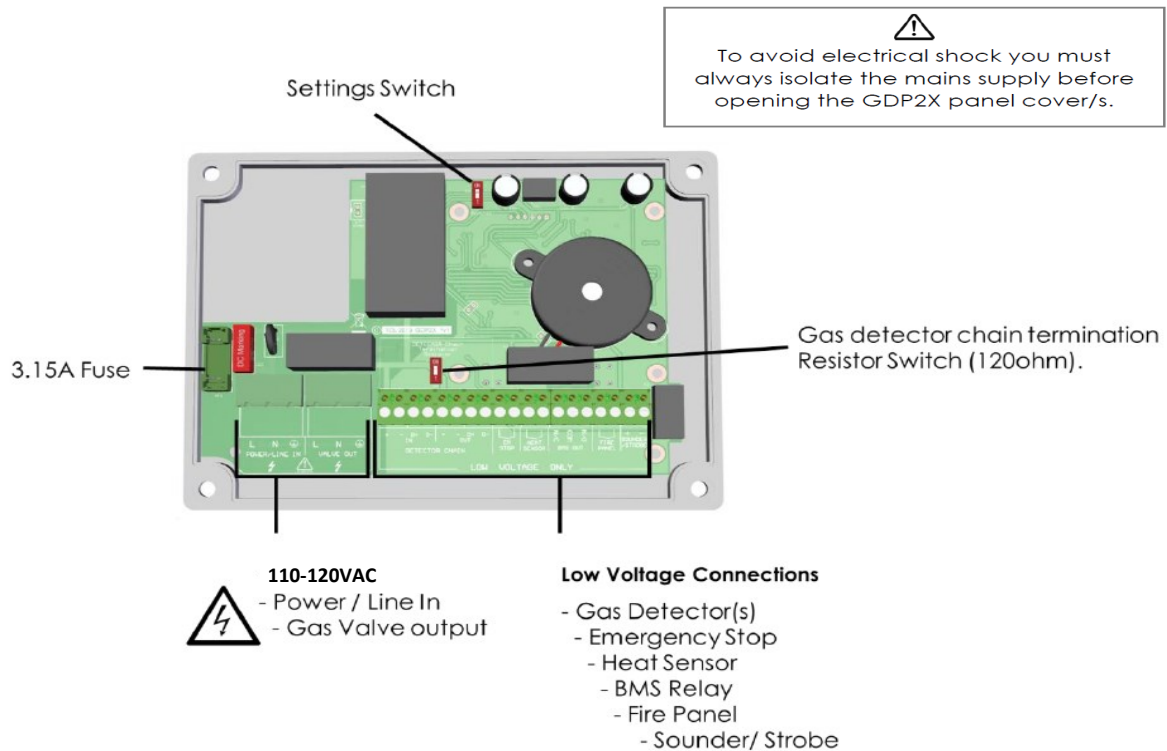


GDP2X Gas Detection System

Technical Specifications

Power Supply	110-120vac, 50/60HZ
Protection	Overvoltage, overcurrent, surge protection (3.15amp)
Enclosure	Wall mounted Fully UL certified enclosure. Flush Mount kit available.
Current Consumption	20W max (full load)
Operating Temperature	32°F - 122°F 30-85%RH Non-Condensing
Gas Detector Zones Output	24VDC Power Supply (+ & -) Dry Contact Switched Connection*
Control Signal Output	110-120vac, 50/60HZ
BAS/BMS Output	N/C COM N/O - Max 1A @ 120vac
Emergency Button & Fire Alarm Input	Dry Contact*
Audible Alarm Buzzer DB	65 dB (300mm distance in quiet conditions)
Housing Material	Polyac PA-765
Flame Rating	UL 94
Approvals	CE, RoHS
Dimensions	W 7.48in x H 5.51in x D 2.44in

*Dry contact. Do Not connect any device which generates a separate source of voltage on this circuit. Any voltage applied to these connections will damage the microcontroller.



info@canadiangassafety.com



www.canadiangassafety.com



647-577-1500