

THE MERLIN RANGE

GDP4 SYSTEM

The Merlin GDP4 is a gas detection and shut off system that can be used with up to twelve Merlin gas detectors, Used in a variety of applications including boiler-houses, plant-rooms and factories.

The Merlin GDP4 can operate with Merlin gas detectors to monitor a variety of gases, the more common being Natural gas (Methane), Carbon Monoxide and LPG. Gas detectors are fixed remote from the GDP4 panel and are wired back to the GDP4 panel with three core low voltage cable.

The GDP4 can be used to monitor the same or a number of different gases. Remote emergency shut-off buttons and thermal links can also be connected to the Merlin GDP4 panel.



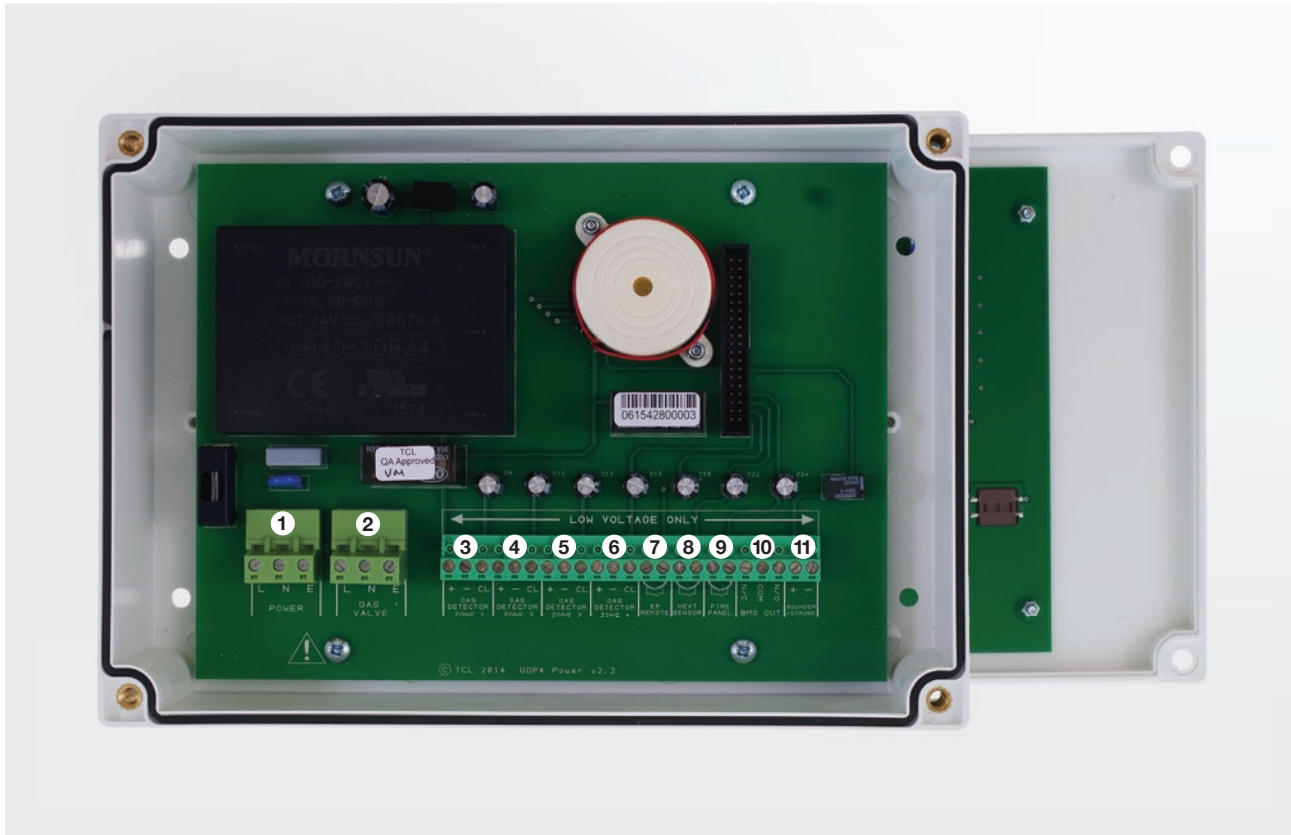
Advantages of the Merlin GDP4 System

- Easy to install – The use of clearly marked PCB connections, low voltage wiring and push-fit wiring connections makes the GDP4 very simple to install.
- Multi zone system - Can be used with up to twelve gas detectors.
- User friendly – Digital LED design gives clear system indication at all times.
- Easily adaptive - Will work with building management systems and remote fire panels.
- Fitted with emergency stop as standard - capable of accepting any number of additional emergency shut off buttons.
- Covered by the S&S Northern 3 year warranty .



WIRING DIAGRAMS AND ANCILLARY PRODUCTS

Merlin GDP4 Box Dimensions: Height: 180mm x Length: 255mm x Depth: 62mm (Excluding EM Stop)



Merlin GDP4 System Wiring Diagram

1. Mains Input 230VAC.
2. Gas Solenoid Valve Power Output, 230VAC, Max 3A.
3. Remote Gas detector input, 24VDC power supply (sold separately).
4. Remote Gas detector input, 24VDC power supply (sold separately).
5. Remote Gas detector input, 24VDC power supply (sold separately).
6. Remote Gas detector input, 24VDC power supply (sold separately).
7. Remote EM Stop buttons (sold separately). VOLT FREE INPUT
8. Fusible Links (sold separately). VOLT FREE INPUT
9. Fire panel (Supplied by others). VOLT FREE INPUT
10. BMS output contacts. Normally Closed, Common & Normally Open.
11. Sounder Alarm, 24VDC power supply (sold separately).



GDP Detector Dims: H: 95mm x L: 133mm x D: 38mm