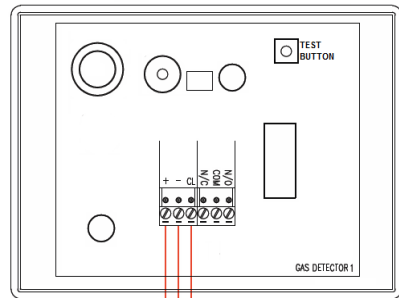
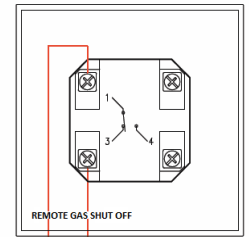
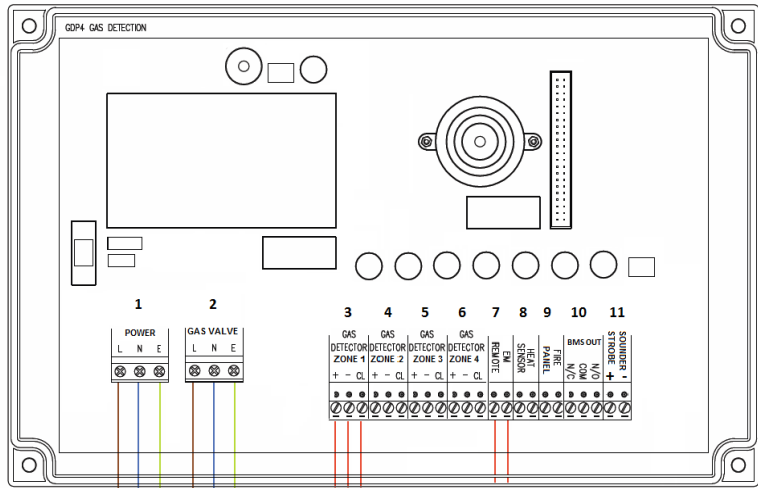


3AMP
FUSE
SPUR
BY OTHERS



TO SOLENOID
VALVE

Legend

- 1) A 230-Volt electrical supply should be supplied to the panel. This should be externally fused at 3 Amps using a fused spur and should be connected to the terminals marked "LNE Power".
 - 2) The gas solenoid valve should be powered using the terminals on the Merlin GDP4 marked "Gas Valve".
 - 3-6) The terminals detailed on the circuit board as "Gas Detector Zone 1", "Gas Detector Zone 2", "Gas Detector Zone 3" & "Gas Detector Zone 4". These connections are "+,-" and "CL" and can be wired to a Merlin gas detector. Natural gas, Carbon monoxide or LPG. Other detector types are available.
 - 7) The terminal for remote emergency shut-off buttons is detailed on the circuit board as "EM REMOTE". These connections are linked out as a factory setting. Remote emergency shut-off buttons should be volt free and wired to the Merlin GDP4 using two-core cable.
 - 8) The terminal for heat detectors is detailed on the circuit board as "HEAT SENSOR". These connections are linked out as a factory setting. Heat detectors should be volt free and wired to the Merlin GDP4 using two-core cable.
 - 9) The terminal for fire alarms is detailed on the circuit board as "FIRE PANEL". These connections are linked out as a factory setting. Fire alarms should be volt free and wired to the Merlin GDP4 using two-core cable.
 - 10) Terminal connections are available on the circuit board for connections to Building Management systems. This terminal should be wired using low voltage cable.
 - 11) The terminal for sounder alarms is detailed on the circuit board as "SOUNDER/STROBE". Sounder alarms should be wired using low voltage cable and wired to the Merlin GDP4 using two-core cable. This terminal has a 24VDC output.
- Note: All low voltage connections should be made using a screened cable. To avoid electrical interference this should not be in the same conduit as mains cable as per the low voltage directive.
For further information please refer to S&S Northern operating and installation instructions.

- 230 VOLT MAINS LIVE
- NEUTRAL
- EARTH
- LOW VOLTAGE



Client
Job Title
Drawing Title

Notes
 All discrepancies between information shown on the drawing and information in the specification to be referred to S & S Northern prior to proceeding.
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Amendments		
Scale N.T.S.	Date	Drawn BT
Drg. No. GDP4		Rev. 1