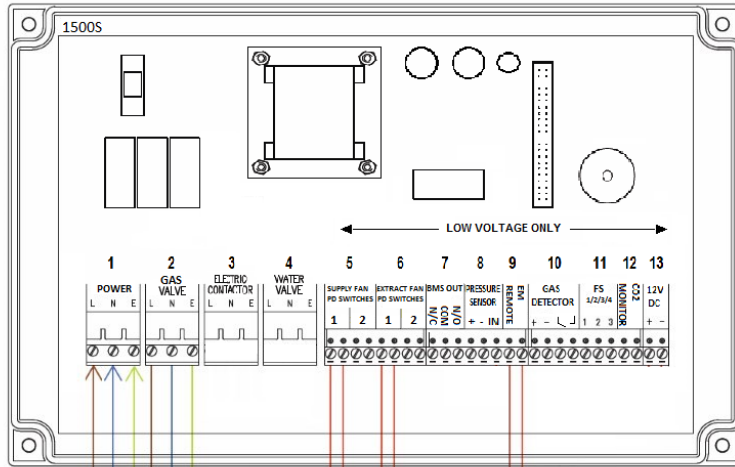
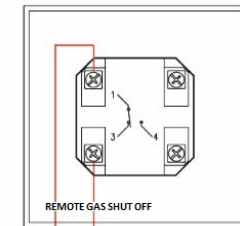


JUMP
FUSE
SPUR
BY OTHERS



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 CT1500S marked "Gas Valve".
 - 3) This terminal is disabled on this system.
 - 4) This terminal is disabled on this system.
 - 5 & 6) These terminals are used to receive an input signal from external air pressure switches or external current monitors. These are linked out as a factory setting. Wiring to the air pd switches & current monitors should be made using two-core volt free connections. Links should be left in any terminals not being used.
 - 7) Terminal connections are available on the circuit board for connections to Building Management systems. This terminal should be wired using low voltage cable.
 - 8) 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 CT1500S using two-core cable.
 - 9) The terminal detailed on the circuit board as "GAS DETECTOR". These connections are "+,-" and "L,J", these can be wired to a Merlin Natural Gas, Carbon Monoxide & LPG detector. If no detector is being used leave the link in between the "L,J". Other detector types are available.
 - 10) This terminal switches when the key is turned on and off. This can be linked to a fan switch (panel supplied separately) which can provide power to the fans when the control panel is switched on.
 - 11) This terminal can be wired to a CO2 monitor to shut off the system in the event of High CO2 levels. If no CO2 monitor is supplied leave the terminal link in.
 - 12) This is a permanent 12v DC output when there is power at the panel. (Normally used to power a PM2 current monitor).
- 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	Notes All discrepancies between information shown on the drawing and information in the specification to be referred to S & S Northern prior to proceeding. Copyright in all documents and drawings prepared by S & S Northern and any work executed from these documents and drawings shall, unless otherwise agreed, remain the property of S & S Northern.	Amendments		
Job Title		Scale N.T.S.	Date	Drawn BT
Drawing Title		<table border="1"> <tr> <td>Dr. No. 1500S</td> <td>Rev. 1</td> </tr> </table>		Dr. No. 1500S
Dr. No. 1500S	Rev. 1			