



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



CO2 Monitor Wiring Diagram

1. Live and neutral power supply from 3A fuse spare to power sensor.
This could also be taken from our “Mains in” terminal when used in conjunction with any of our Merlin range of systems
2. Dip switch to activate and de-activate audible alarm
3. Alarm relay, this will switch over should the level of CO2 rise above the pre-set limit, and automatically switch back once the levels have dropped below this.
4. Pre-alarm relay, this will switch over should the level of CO2 rise above the pre-set limit, and automatically switch back once the levels have dropped back below this.
5. Temperature relay, this will switch over should the sensor detect the temperature rise above 30 degrees and switch back once the temperature drops back below 29 degrees.
6. 0-10 Output, the voltage will depending on the amount of CO2 detected at any time. This could be used to open/close an electronic window accordingly etc.

Please Note

All the relays are capable of breaking anything up to and including 230V (1A). However they will normally be used in conjunction with N/C volt free contacts on our Merlin range of systems.

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 JEB
Drawing Title		Drg. No.		Rev.