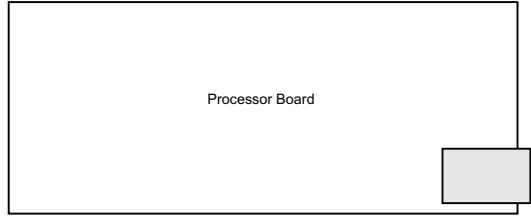
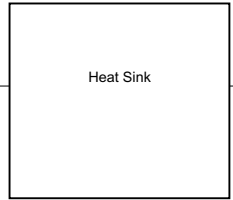


Positioning RIOTs

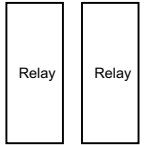
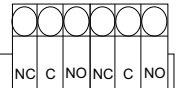
Display version (Stainless Steel enclosure) can be placed within wash down areas, IP55 panel versions can be placed within offices and roof areas, they should all be positioned so that they are easily accessible for service and commissioning.

Power Supply

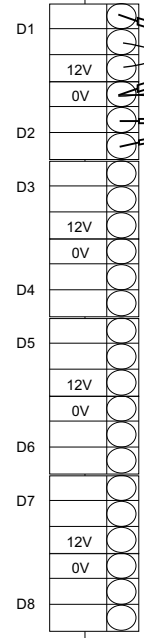
240V AC (fused spur)
or
12V DC (3 amp fuse)



Outputs (8 Amp)

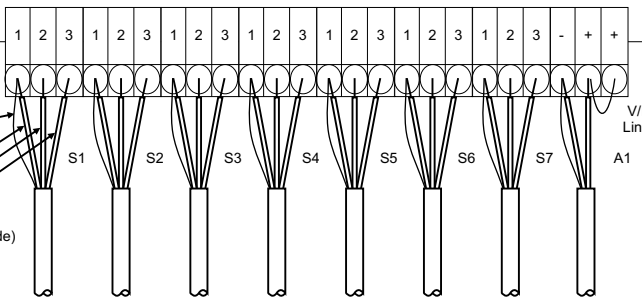
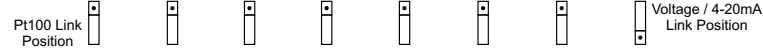


Rj45 PC Network Connection



Connection from an external relay (0V contact)
Connection from an external 5V DC to 48V AC signal

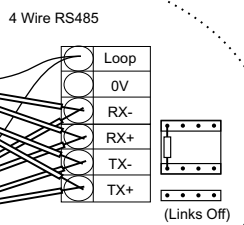
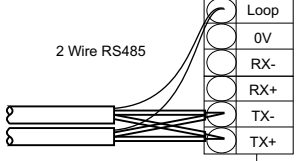
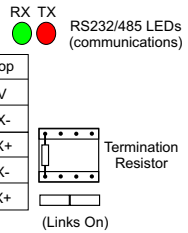
Digital Inputs allowing voltages of 5V DC to 48V AC and 0V external relay contacts



Sensor - Cable
White - Red
Red - Green
Red - Blue
(Usual Colour Code)

All Voltage / Current inputs need to have a common ground (0V)
The 8 inputs can be made up of
8 * PT100
8 * 4-20mA
4 * Pt100 and 4 * 4-20mA
or
any other combination with up to 8 inputs

Drain Wires Should be linked through to the last RIOT and should **NOT** be connected to 0Volt (ground).



AAW
Control Systems

AAW Control Systems
Brightwalton Holt
Newbury
Berks
RG20 7DB
Tel: 01488 638928
FAX: 01488 638947

| | | |
|----------------------------------|--|---------------------------|
| Drawing no 001-037 | | date 27-04-03 |
| Project RIOT | | drawn NJA |
| Detail Connection Details | | scale not to scale |
| | | checked CBA |
| | | ref: |

| REVISIONS | | | | |
|-----------|-------------|----|-----|------|
| REV | Description | By | Ckd | Date |
| | | | | |
| | | | | |
| | | | | |