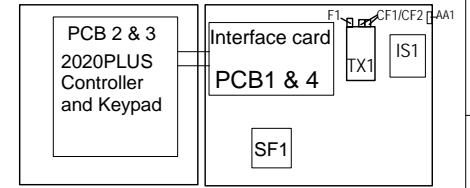
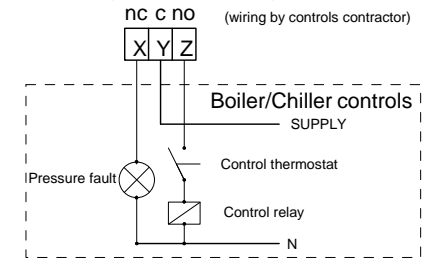


Typical internal layout

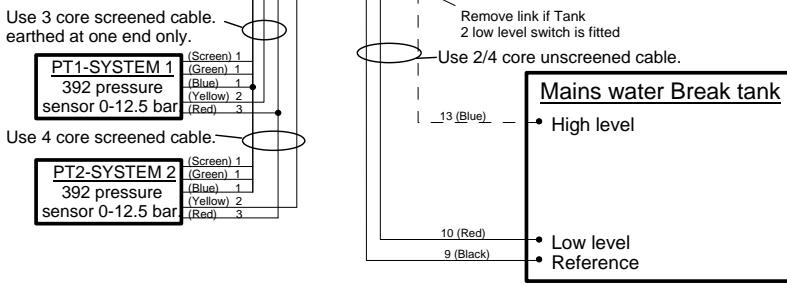


Typical Boiler Interrupt Circuit for System 1 or System 2



| Item | Description | Part No |
|---------|-------------------------------------|------------|
| AA1 | Audible Alarm | SKA-101200 |
| CF1/CF2 | Control Fuse T2A 20mm | RFA-100020 |
| F1 | Transformer Mains fuse T1A 20mm | RFA-100010 |
| IP1 | 4 Ch Analogue Input Module | RPC-120103 |
| IP2 | 4 Ch Level Sensing Module | RPC-120134 |
| IP3 | 4 Ch Digital Input Module (Non-Inv) | RPC-120120 |
| IS1 | Isolator | SHD-030252 |
| PCB1 | Interface Card | EPM-120031 |
| PCB2 | 2020PLUS Controller 2X24 char dis | RPC-122004 |
| PCB3 | Keypad - 4 row | RPC-120014 |
| PCB4 | Interface Extension card | EPB-120041 |
| PF1,PF2 | Pump fuse T3.15A 20mm | RFA-100031 |
| PT1 & 2 | 392 Pressure Transducer 0-12.5 bar | GST-392100 |
| TX1 | Transformer 230V /24V 50VA | RT2-050024 |
| SF1 & 2 | Solenoid Fuse T1A x 20mm | RFA-100010 |

| Display Parameters | | |
|--------------------------------|--|------|
| Duty point system 1 & system 2 | | bar |
| Pump Staging | | bar |
| Differential | | bar |
| Pump minimum run time | | secs |
| Support delay | | secs |
| Low pressure system 1/2 | | bar |
| High pressure system 1/2 | | bar |
| Low pressure delay | | secs |
| High Pressure delay | | secs |
| Spill Pressure | | bar |



| ISSUE | DESCRIPTION | APPD | DATE |
|-------|---|------|---------|
| 2 | Updated for 2020+ V2 software. Low/High level approach connections removed. Transducers now 12.5 bar and part numbers updated | RB | 7/11/08 |
| 3 | Updated to suit revised audible alarm fitted to PCB1 and title box updated | RB | 14/3/13 |

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TITLE
 Aquapack "Dual System"
 pressurisation unit 2ET45-DS-E & AP3/AP7-DS
 230vac 1 Phase wiring diagram
 with 2020Plus control & BMS
 Enhanced package

| DRAWN | APPROVED | DATE |
|----------|----------|---------|
| IDT | | 2/10/02 |
| DRWG No. | | A12221 |