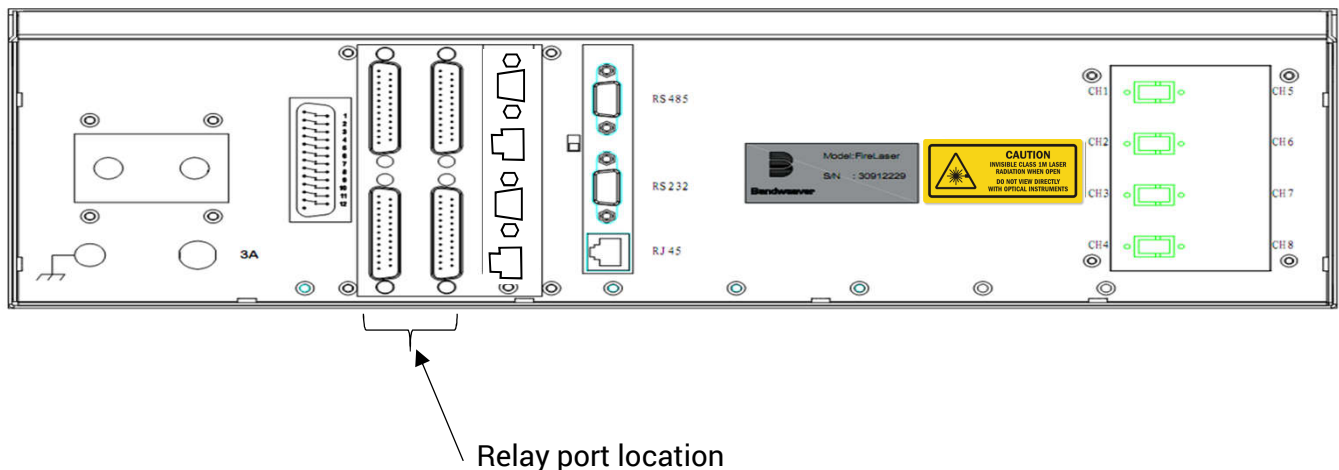


## FireLaser – Relay Interface

FireLaser is a Linear Heat Detector System specifically designed for use in Special Hazard fire detection applications.

The relay ports are located at the rear of the DTS unit as indicated in the diagram below. The FireLaser system uses four standard D-model 25 pin connectors for relay outputs. These allow up to 48 alarms to be outputted using contact relays.

### Rear View of FireLaser DTS system



The four DB25 connectors on the rear panel of the machine have the following allocations:

- Port 1 refers to relays 1 to 12
- Port 2 refers to relays 13-24;
- Port 3 refers to relays 25-36
- Port 4 refers to relays 37-48.

The first 6 relays are reserved for system faults. The first use addressable relay starts at relay 7.

## FireLaser – Relay Interface

Pin	Port 1 Relays 1-12	Port 2 Relays 13 - 24	Port 3 Relays 25 - 36	Port 4 Relays 37 - 48
1 / 13	Power Fault COM / NC	COM / NO	COM / NO	COM / NO
2 / 14	System Laser Fault COM / NO	COM / NO	COM / NO	COM / NO
3 / 15	Fibre break CH1 COM / NO	COM / NO	COM / NO	COM / NO
4 / 16	Fibre break CH2 COM / NO	COM / NO	COM / NO	COM / NO
5 / 17	Fibre break CH3 COM / NO	COM / NO	COM / NO	COM / NO
6 / 18	Fibre break CH4 COM / NO	COM / NO	COM / NO	COM / NO
7 / 19	COM / NO	COM / NO	COM / NO	COM / NO
8 / 20	COM / NO	COM / NO	COM / NO	COM / NO
9 / 21	COM / NO	COM / NO	COM / NO	COM / NO
10 / 22	COM / NO	COM / NO	COM / NO	COM / NO
11 / 23	COM / NO	COM / NO	COM / NO	COM / NO
12 / 24	COM / NO	COM / NO	COM / NO	COM / NO