



6500RS Beam Interface - Installation Instructions

Overview:

The **6500 Conventional Interface 2003** allows the System Sensor 6500RS Conventional Beam Detector to be interfaced to the **Pertronic Loop Responder** and **F16e** conventional panel. This supplementary board connects directly to the existing connectors inside the beam detector without compromising the existing **6500RTS** Remote Annunciator and Control Unit. This product enables the Beam Detector to comply with NZS 4512:2003 by providing an interface activated from the **6500RS** LED output.

The **6500 Conventional Interface 2003** operates from either an isolated or non-isolated 24Vdc power supply.

An additional 'Defect' change-over relay contact is provided when the interface is used.

Functions:

- Fits within the 6500RS Beam detector housing.
- 4-wire connection: conventional zone circuit and power supply.
- Connects to 20V conventional zone circuit.
- Powers from 24V Beam Detector isolated or non-isolated supply.
- Uses 'Smoke' and 'Defect' regions for indication.
- Resets the Beam Detector automatically when the conventional zone circuit resets.
- Provides N/C, COM and N/O Fault contacts.

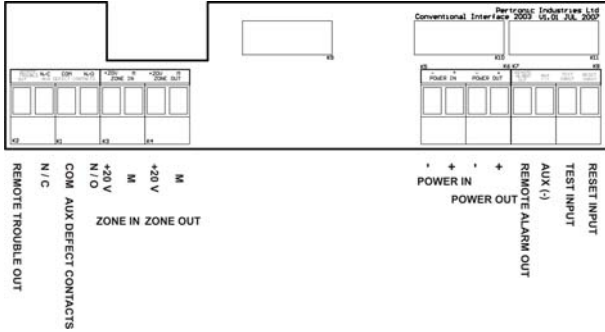
Specification:

Dimensions:	124 x 50	L x W (mm)
Voltage:	20 to 30Vdc	
Current:	Normal:	30mA
Defect:	8mA	
Relay Contact Rating:	2A @ 24Vdc	

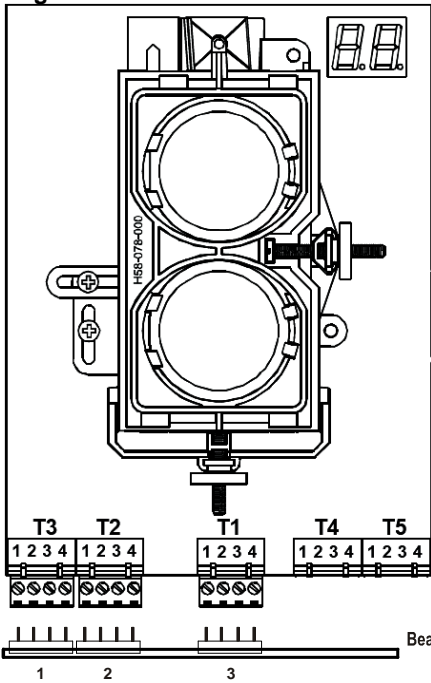
Product Codes:

Description	Product Code
6500RS Conventional Beam Interface: 2003	6500RSCI

Board Layout:



Connection Diagram: 6500RS Beam Detector



Position the Interface horizontally and insert the pins into Beam Detector connectors T3, T2, and T1.

