Concept/Integriti LAN/Power Hub Boards

Multi-purpose.   **P/N: 995910 (LAN + DET Pwr)**
LAN Hub only.   **P/N: 995911 (Break-away type) & 995915**
Detector Power only.   **P/N: 995914**

INSTALLATION MANUAL

Introduction

The LAN/Power Hub boards provide a convenient method of connecting Modules, LAN Isolators, Fibre Modems and LAN Over Ethernet interfaces to a Concept/Integriti RS485 LAN. The plug-on screw terminal connections allow easy connection and disconnection of Modules and/or LAN segments. Three types of the LAN Hub boards are available as listed above. The Break-away type has two sets of perforations to allow the board to be broken down to a smaller size when necessary.

Specifications

Power Supply Input: 13.75V DC
Installation environment: 0º to 50º Celsius. 15% to 85% Relative humidity (non-condensing)

	995910	995911	995914	995915
Physical dimensions: Length:	180mm	198mm	200mm	94mm
Width	68mm	35mm	94mm	55mm
LAN Distribution Ports:	8	2, 5, 6 or 9*	0	7

* Depending on how the board is broken down.

Installation

Parts Lists.

Part description.	995910	995911	995914	995915
Installation Manual (This document)	Y	Y	Y	Y
Metal PCB mounting clips for Inner Range Low Profile enclosures	4		10	
M3 x 10mm screws for mounting clips	4		10	
Self-adhesive 12mm plastic PCB supports		12		12
12mm plastic clip-in PCB supports. To fit 5mm(3/16") chassis hole.	4			
2-way 5mm Plug-on screw terminal	19	20	2	20
8-way 5mm Plug-on screw terminal	2		8	

Installing the LAN/Power Hub

The LAN Hub board should be mounted in a suitable secure enclosure.
A variety of mounting hardware is provided to enable the board to be installed in Inner Range Low Profile enclosures or in alternative enclosures.
If using the 12mm plastic clip-in PCB supports, drill 5mm (3/16") holes in the required locations, gently de-bur the holes and clip the base of the support into the hole.

CAUTION. Ensure that the current drawn by all Modules and devices powered from a LAN Hub board does not cause the current limit of the power supply source to be exceeded.

Designed & manufactured in Australia.

Concept/Integriti LAN/Power Hub Board Layouts and Connections.

**Note: 995915 is a more compact LAN distribution board (94 x 55mm) with 1 + 7 LAN Ports.
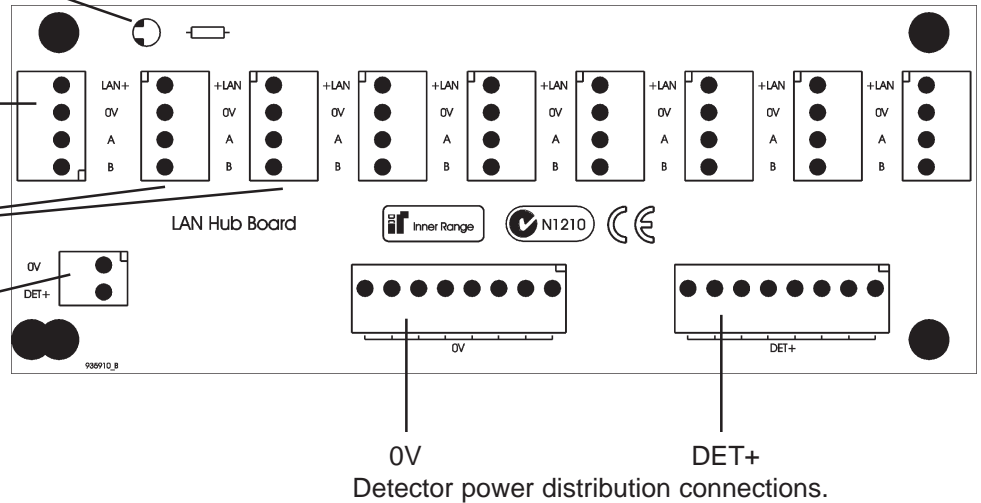It is not pictured here, but is functionally the same as 995911.**

995910. Multi-purpose Hub

LAN Power indicator Lamp.

LAN source connection.

8 x LAN Distribution
connections.

Detector power source.

LAN Hub Board

0V

DET+
Detector power distribution connections.

995911. LAN Hub. Breakaway type.
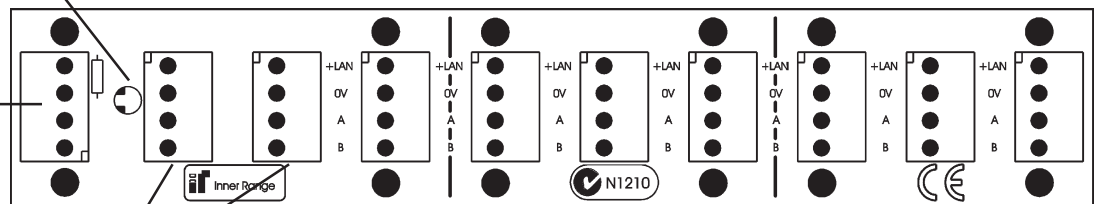
LAN Power indicator Lamp.

LAN source connection.

9 x LAN Distribution connections.

Breakaway Points

4 x Detector power
distribution connections.

995914. Detector Power Hub.

DET+ Power
indicator Lamp.

Detector power source.

4 x Detector power
distribution connections.