

HAI Omni-Bus Interface Translator
Model 117A00-1
Installation Instructions and User's Guide



Specifications

- Bus side supply voltage: 15-24VDC (via bus network cable)
- Bus side supply current: 100mA maximum
- Ambient Temperature: 0 – 40 °C (32 – 104 °F)
- Ingress Protection: IP20
- Dimensions: 105mm (width) x 58mm (height) x 86mm
- Compatible with the following HAI controllers:
 - OmniPro II
 - Lumina Pro
 - Omni IIe
 - Lumina
 - OmniLT

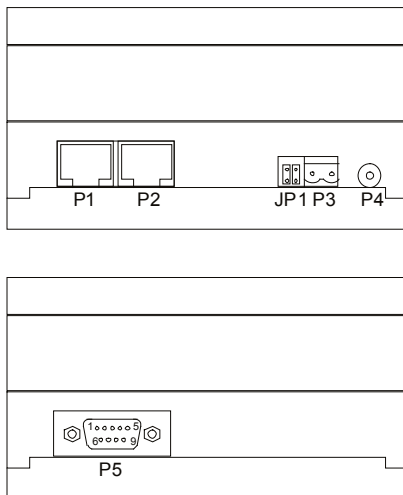
Installation

- Do not connect any mains wiring to the unit. The Interface connects directly to the HAI Omni-Bus network cable via 2 RJ45 connectors.
- The Interface is designed for indoor use only.
- Choose a location free of water, humidity, direct sunlight or heavy dust.
- A safe isolation distance should be kept between all mains wiring and the Bus network cable.
- Connect the RS232 port on the Interface to the one of the RS232 serial ports on the HAI controller using the appropriate cable (see 117A00-1 Reference Manual for port pin out).
 - For an HAI Omni controller, use the HAI Serial PC Cable part number 21A05-2 (Included with controller kit).
- See the *HAI Omni-Bus Network Installation Guide* for more information on the Bus network wiring

Setup

- Use the OMNIBUS and CBIT CENTRAL Software for setup of the Interface Translator (see the 117A00-1 Reference Manual for more information).

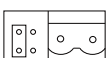
Interface Connections



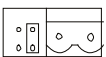
P1, P2: RJ45 CAT5 connection to Omni-Bus Network.

P3, P4: 16 – 24VAC/DC supply input.

JP1: Power supply options jumper:



Unit is supplied power from the Omni-Bus network (no need for a supply input on P3 or P4).



Unit supplies power to the Omni-Bus Network (300mA max) (must have a supply input on P3 or P4).

P5: RS232 Port (Accepts DB-9F connector, see 117A00-1 Reference manual for pin out).

Wiring Diagram

