

■ PIA-AI-16

Provox™ 20 series Interface Adapter for migration toward a new system

Description :

The Provox Interface Adapter **PIA-AI-16** allows to easily connect an existing 16-channel Analog Input Provox Termination Panel to one 16-channel Analog Input card. The signals coming from the Provox Termination Panel must be 4-20mA.

It is easy to install the **PIA-AI-16** in the existing I/O card file type CP6701, at the place occupied by the Provox I/O card.

The Provox cable (SUBD37F/SUBD37M) between the termination panel and the Provox I/O card is kept in place, and then plugged to the SUBD37M connector (J1) of the **PIA-AI-16** unit.

The connection to the new 16-channel Analog Input card is done using a shielded cable, with a SUBD25F connector at one end, and labelled flying wires or a suitable connector matching with the new system Analog Input card used at the other end.

The power supply cards of the existing CP6701 card file are no longer necessary. So they can be removed and replaced with a metallic front plate.

Technical specifications:

Mounting:

In an existing CP6701 card file, in place of the existing Provox I/O card.

Dimension:

Height: 261.8mm, Width: 20mm, Depth: 50mm

Weight:

About 200g

Temperature range :

Operating : -10°C to 60°C

Storage : -20°C to 60°C

Relative humidity:

10 to 90% (no condensation)

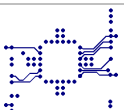
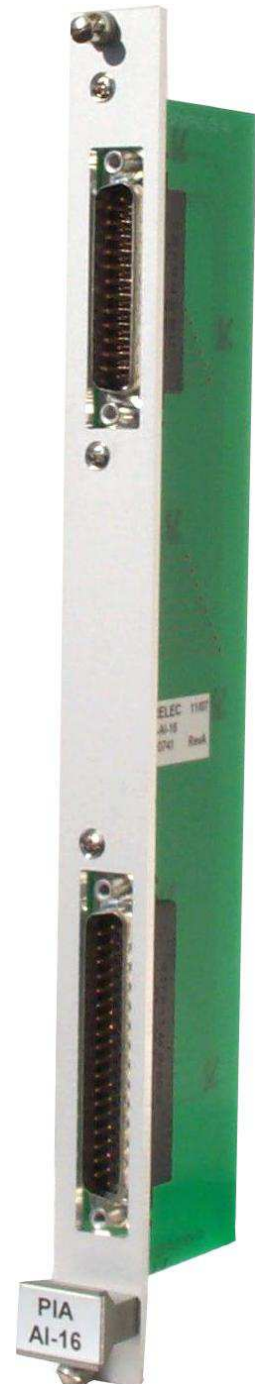
Wiring:

One SUBD25M connectors (J2) with UNC 4-40 female lock for the connection to the 16-channel Analog Input card

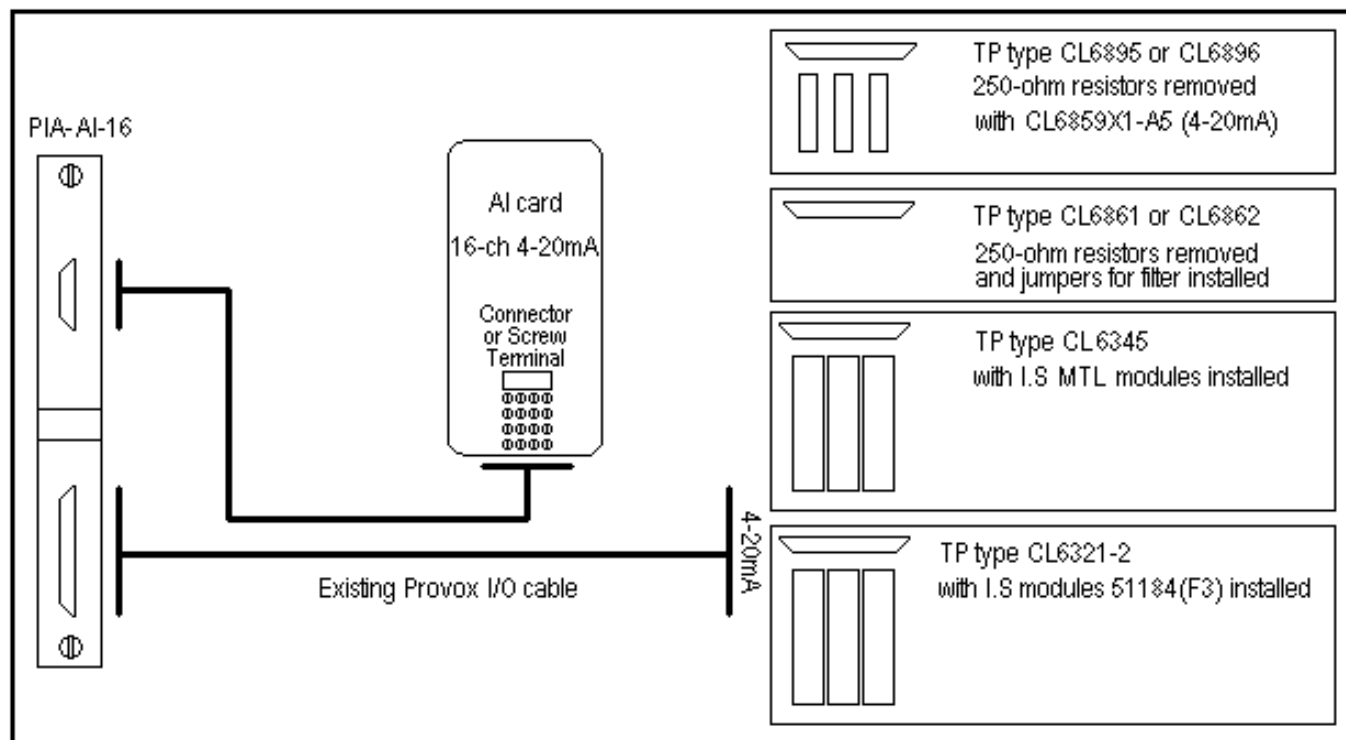
One SUBD37M connector (J1) with UNC 4-40 female lock for the connection to the existing I/O Provox cable.

Compatible Provox Termination Panel:

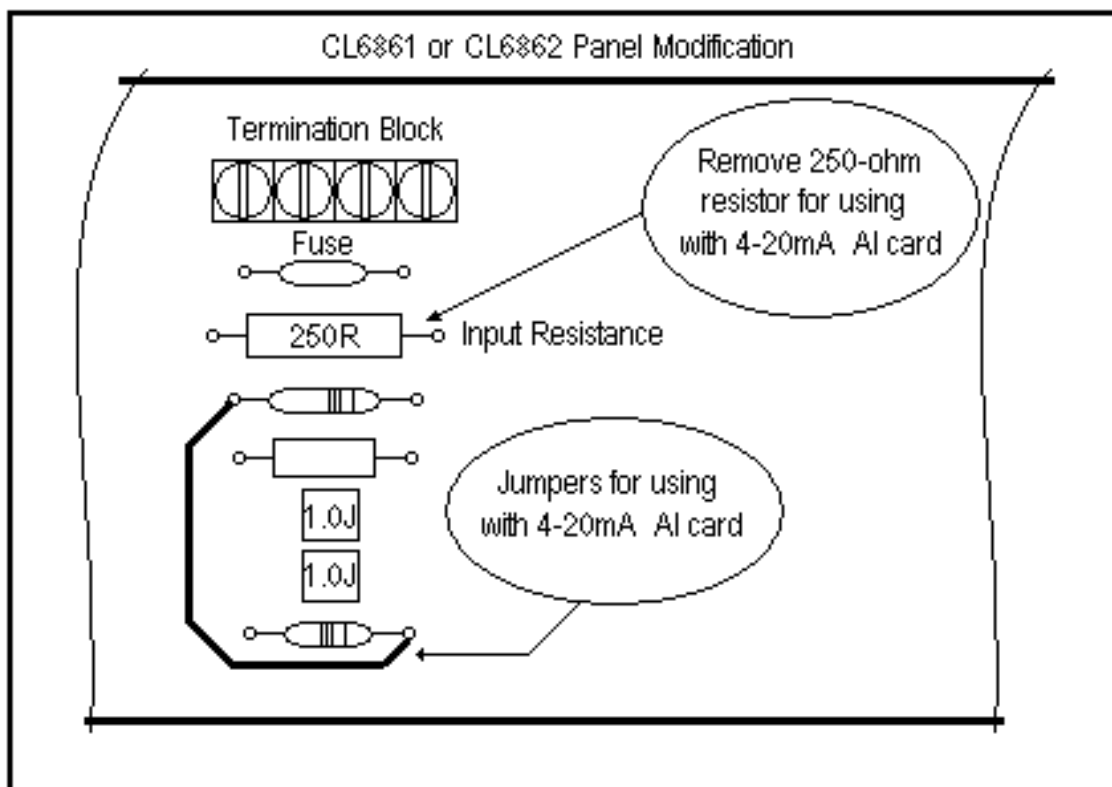
CL6861 or CL6862 (with 250-ohm resistors removed and jumpers for filter installed), CL6895 or CL6896 (with 250-ohm resistors removed, and CL6859X1-A5 modules installed), CL6345, and CL6321-2 Termination Panel can be interfaced by the PIA-AI-16.



Connection using a 16-channel Analog Input card:



CL6861 or CL6862 panel modification for using with a 4-20mA card:



For each channel, remove the 250-ohm input resistance, install a 0.14 or 0.22 mm² wire soldered to termination panel components as shown above.

