

■ PIA-DI-16-PS

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

Description :

The Provox Interface Adapter **PIA-DI-16-PS** allows to easily connect an existing 16-channel Discrete Input Provox Termination Panel to one 16-channel Discrete Input card or half a 32-channel Discrete input card.

It is easy to install the **PIA-DI-16-PS** 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-DI-16-PS** unit.

The connection to the new Discrete 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 Discrete Input card used at the other end.

The **PIA-DI-16-PS** must be powered by one (primary) or two (primary and secondary) external 24Vdc power supply using a removable connector (J3) in 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 Discrete 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:

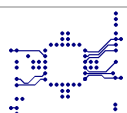
CL6781 et CL6782, CL6787 or CL6788, CL6343 and CL6301-3 Termination Panel can be interfaced by the PIA-DI-16-PS.

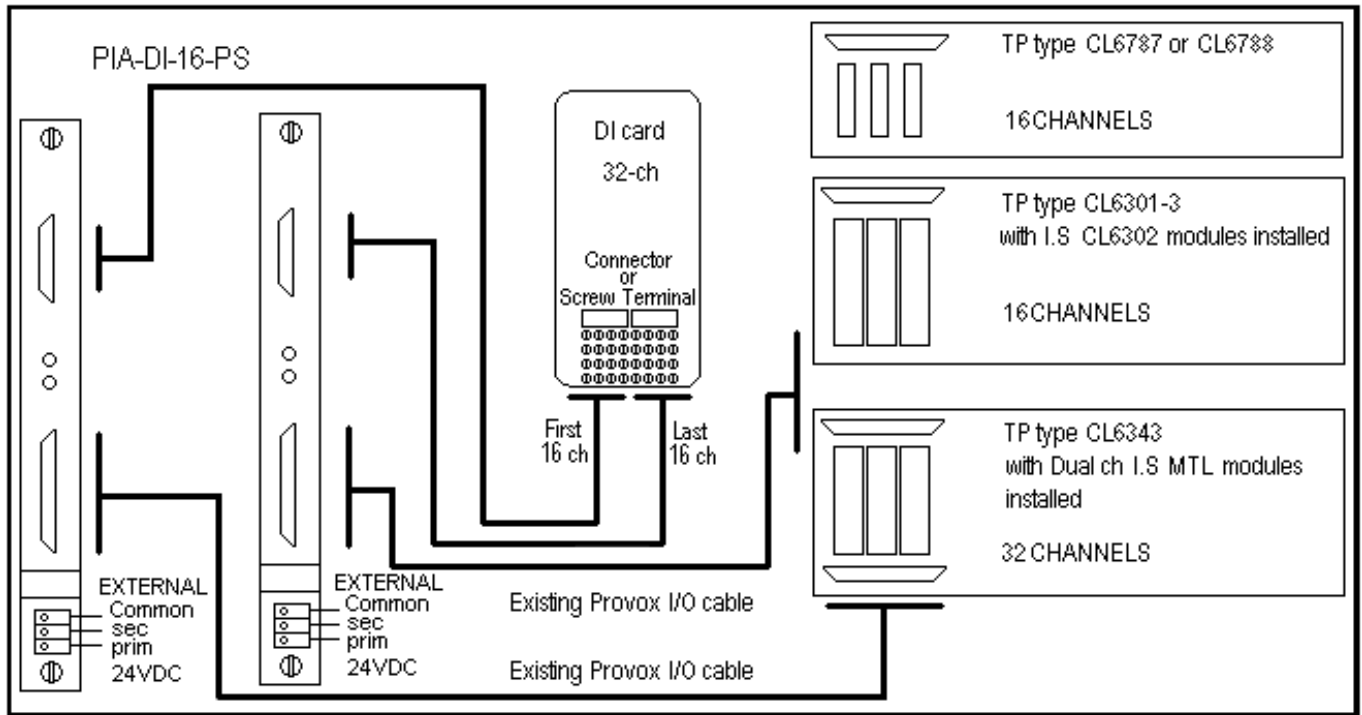
External 24Vdc power supply:

Possibility to connect a primary and a secondary external PS in order to get redundancy.

Each 24Vdc PS is protected by a 1A removable fuse and the status of each PS is indicated by a green LED

Consumption max on 24Vdc : 100mA



Connection using a 32-channel Discrete Input card:

Connection using two 16-channel Discrete Input cards:
