

Product Overview

The BA/BP4V was designed to add additional ETA boards into a congested panel. The BP4V allows the use of small vertical spaces that may go unused. Each BA/BP4V accommodates four ETA modules.

If there is enough space for more than one BA/BP4V, they should be connected together with a BA/BR bridge. The BA/BR provides clearance from one BA/BP4V to the other for easy insertion of the ETA modules.

For large control systems, the BA/BP4V receives power from a PS17 or PS17CB Power Supply. For small control systems, the BA/BP4V can receive power from BAPI's VC350 voltage converters.

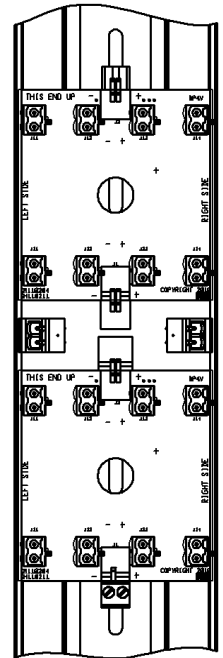


Fig 1: Two BA/BP4V's connected together by a BA/BR

Terminations

Connect the power cable to the two-pole screw terminals on the bottom of the BA/BP4V. Connect positive to the bottom terminal and negative to the top terminal. (See the BA/BP4V silkscreen) Connect the other end of the power cable to a power supply or voltage converter.

Plug BAPI Electronic Technician Assistant into the BA/BP4V as shown in figure 2.

In installations where two or more BA/BP4Vs are connected together with BA/BRs, power may be connected through the right or left side connector on the bridge board.

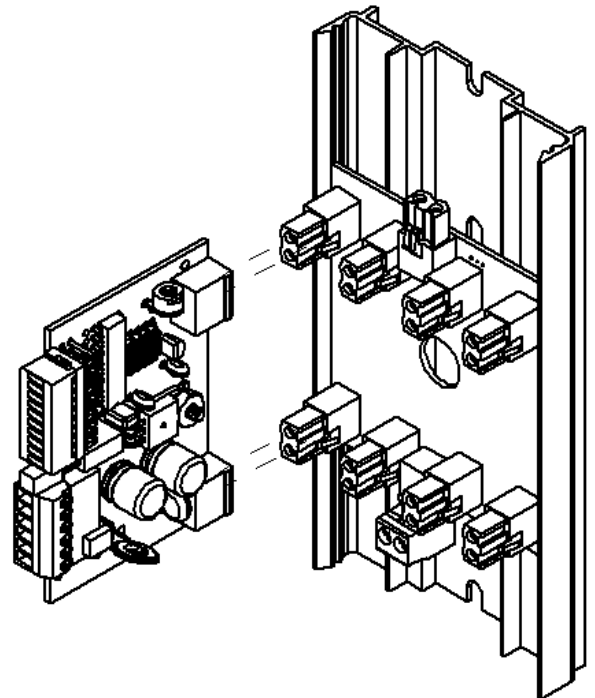


Fig 2: Plugging a BAPI Electronic Assistant module into the BA/BP2

Specifications subject to change without notice.



Backplane BP4V and Bridge

Installation and Operation Instructions

26824_ins_BP4V_BR

Rev 05/27/2011

Diagnostics

Problems:	Possible Solutions:
BAPI Electronic Technician Assistant board has no power	Make sure that the voltage converter or power supply is turned on and supplying power Make sure that the BAPI Electronic Technician Assistant board is firmly plugged into the backplane Make sure that the power connector is firmly plugged into the backplane board
BAPI Electronic Technician Assistant board will not plug into backplane	Make sure that the backplane is inserted into the snap track in the proper orientation

Specifications

Power Voltage: 12 to 36 VDC, 18 to 32 VAC

Power Current: 4 Amp max.

Specifications subject to change without notice.