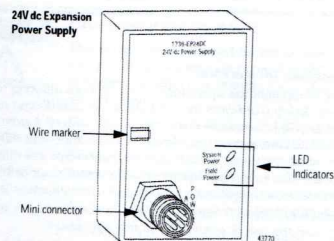




Installation Instructions

ArmorPoint I/O 24V dc Expansion Power Supply, Series A

(Cat. No. 1738-EP24DC)



The 24V dc expansion power supply unit (Cat. no. 1738-EP24DC) passes 24V dc field power to the I/O modules to the right of the power supply. This unit extends the backplane bus power for up to 17 I/O modules to the right of the supply and creates a new field voltage partition.

The expansion power supply also separates field power from I/O modules to the left of the unit, effectively providing functional and logical partitioning for:

- separating field power between input and output modules
- separating field power to the analog and digital modules
- grouping modules to perform a specific task or function

You can use multiple expansion power units with the ArmorPoint I/O adapters to assemble a full system. For instance, if you are using the 1738-ADN adapter, you may use a 1738-EP24DC expansion power unit to add additional modules in 5 to 17 module increments. For example, if you had a 36 module system with a 1738 ArmorPoint I/O adapter, you would have two 1738-EP24DC expansion power units to provide more PointBus current for modules to the right of the supply.