

# Advanced Photon Source



## AOD Beamline Controls Group

### XIA PFCU Filter Set Control Unit

The Model PFCU-4 is a flexible control unit for both Model PF4 Filter Inserters and Model PF2S2 Filter/Shutter Units. In a single width NIM module, it implements both manual control, via front panel switches, and remote control, via TTL logic inputs and outputs. It is compatible with a variety of computer I/O modules, including both CAMAC modules and personal computer I/O cards. Since its 4 output lines are rated for 100 mA inductive loads, it may also be used to control a variety of other experimental equipment.

#### Features:

- Implements manual and computer control of PF4 filter unit, PF2S2 filter-shutter unit, small relays or other experimental equipment.
- 4 output lines, each at 24V, 5 - 100 mA, short circuit protected.
- Single width NIM module powered from the NIM bin.
- Panel LEDs show normal activation, flash for errors states.
- Control via front panel switches or TTL remote control input signals.
- Detects both open and short circuits as error states; short circuit protected.
- Reports output activation status with TTL output signals.

<http://www.xia.com>

### XIA-PFCU

