



Product Summary Sheet

July 7, 2003 Rev001

PC5200/PC5204 – PowerSeries Power Supply/Output Module

The PC5204 can be used to provide up to 1.0A of additional current and can be used to add up to four programmable high-current voltage outputs to the PC5010, PC5015 and PC5020 panels.

The PC5200 can be used to provide up to 1.0A of additional current to the PC5020 control panel.

These two power supplies can provide up to 3.0A short term however, how long will be determined by the total current being drawn and the size, age and the charge on the battery. Over time, the AUX voltage will drop as the battery discharges.

Compatibility (Version Identification):

PC5204 can be used on PC5010, PC5015 and PC5020 panels
PC5200 can only be used on the PC5020.

PC5020 v3.1 or higher can support up to four PC5200 modules
(maximum one PC5204 and four PC5200 modules).

Specifications:

	Residential		Commercial	
	Burglary	Fire	Burglary	Fire*
PC520X Current Draw 20mA				
Max AUX Current Draw @ 12Vdc	1A	550mA	1A	550mA
Transformer Requirement s	16V, 40VA	16V, 40VA	16V, 40VA	16V, 40VA
Battery Requirement s	7Ah min	14 Ah min (2X7 Ah)	7 Ah min	14 Ah min (2X7 Ah)
UL Listed Enclosures	PC500C	PC5003C Household Fire & Burg	CMC-1 PC4050 CAR	PC4050CR PC4050CRAR Commercial Fire & Burg
Standby Time (min)	4 hours	24 hours	4 hours	24 hours

*To be used only with the PC5020CF.

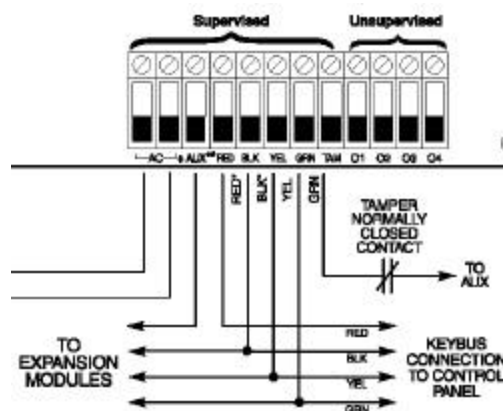
Note: The module can provide up to 1A continuous power, up to 3A short-term. The length of time is dependant on the condition of the battery (size, age, charge).

Jumper settings for PC5200:

If more than one PC5200 is connected to the PC5020, the jumpers, J1 and J2 must be configured for proper supervision.

SLOT	J1	J2
PC5200 1	OFF	OFF
PC5200 2	ON	OFF
PC5200 3	OFF	ON
PC5200 4	ON	ON

Wiring:



AUX+ Used to provide power for devices & modules

TAM Used to tamper the cabinet the PC520X is installed in, connect a normally closed switch or short across TAM and BLK

KEYBUS Connect the RED, BLK, YEL and GRN terminals to the KEYBUS of the control panel

Troubleshooting:

1. PC5204 output 01 is supervised the same as the BELL output of the main panel. If output 01 is not used, a 1000-ohm resistor must be connected across Output 01 and AUX+.