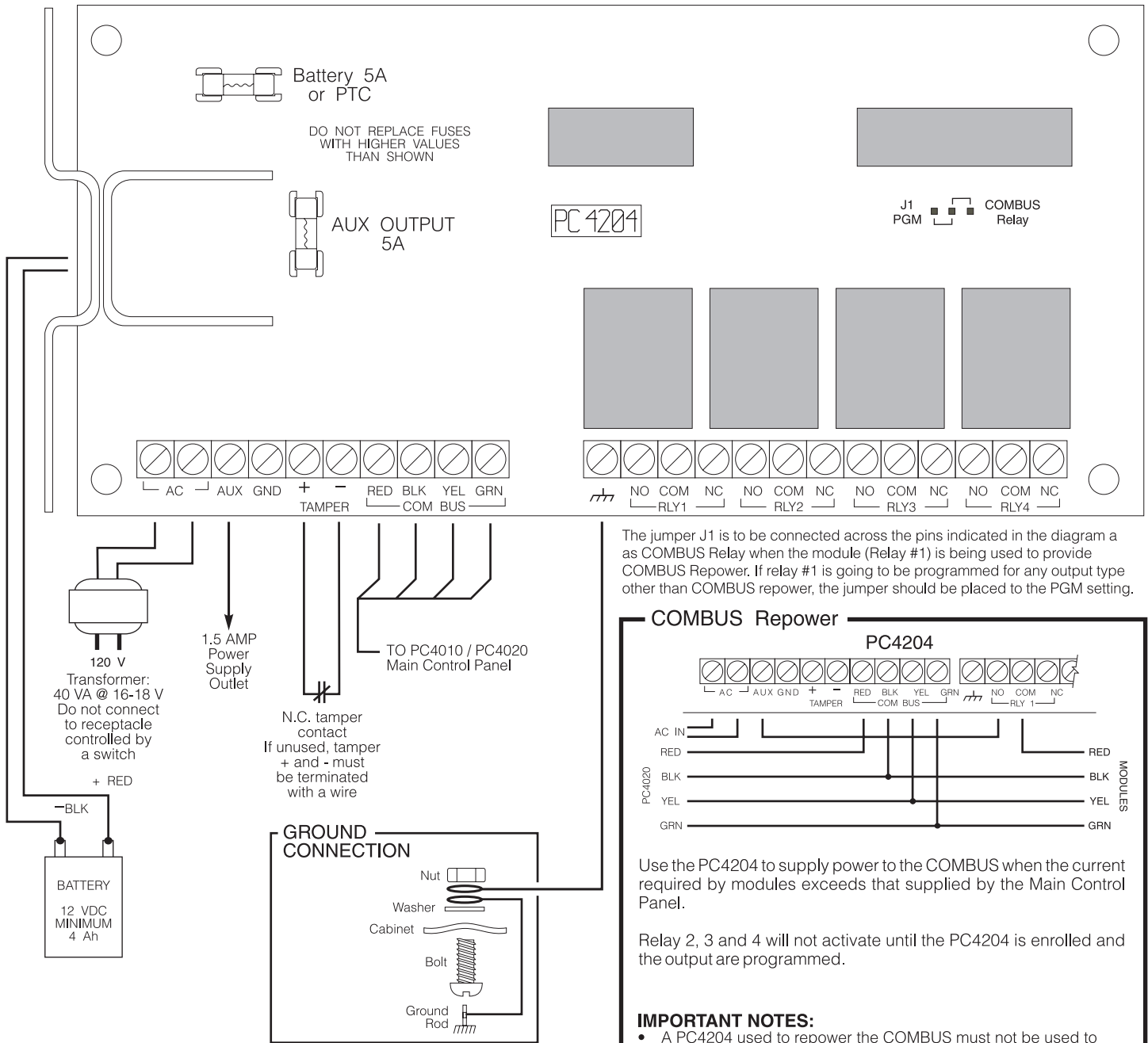


PC4204 4 ZONE RELAY OUTPUT MODULE WIRING DIAGRAM

- COMBUS CONNECTION
- BATTERY, AC, GROUND and TAMPER CONNECTIONS
- COMBUS REPOWER CONNECTIONS



The jumper J1 is to be connected across the pins indicated in the diagram as COMBUS Relay when the module (Relay #1) is being used to provide COMBUS Repower. If relay #1 is going to be programmed for any output type other than COMBUS repower, the jumper should be placed to the PGM setting.

COMBUS Repower

PC4204

Use the PC4204 to supply power to the COMBUS when the current required by modules exceeds that supplied by the Main Control Panel.

Relay 2, 3 and 4 will not activate until the PC4204 is enrolled and the output are programmed.

IMPORTANT NOTES:

- A PC4204 used to repower the COMBUS must not be used to supply power to any load other than the COMBUS connected as shown above.
- Relay 1 should not be used for BELL output if J1 is connected for COMBUS. Use only relays 2, 3 or 4 for BELL output.
- Do not use any power supply other than the PC4204 to repower the COMBUS.

MODULE SPECIFICATIONS

- 4 output high current module
- Up to 16 modules for PC4020 systems
- Up to 12 modules for PC4010 systems
- Minimum 40 VA 16-18 volt transformer required
- Minimum 4 Amp-hour 12 volt battery required
- Four wire (QUAD) hook-up to COMBUS
- Nominal current draw of 30 mA
- Provide Tamper and Trouble Reporting Codes
- Low COMBUS supervision to Main Control Panel
- 1.5 Amp output (5 A max. with battery assist)

PROGRAMMING WORK SHEETS

PC4010 / PC4020 Version 1.0 & Later

PC4204

4204 Module Number

Tamper Alarm Reporting Code
 (0) ▶ (04) ▶ (3) ▶ (04) ▶ (4) - PC4010/PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (10) ▶ (4) - PC4010/PC4020 V.2.0

Tamper Restoral Reporting Code
 (0) ▶ (04) ▶ (3) ▶ (05) ▶ (4) - PC4010/PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (11) ▶ (4) - PC4010/PC4020 V.1.0

AC Trouble Reporting Code
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(12) - PC4010 V.2.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(16) - PC4020 V.2.0

AC Restoral Reporting Code
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(12) - PC4010 V.2.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(16) - PC4020 V.2.0

Battery Trouble Reporting Code
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(12) - PC4010 V.2.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(16) - PC4020 V.2.0

Battery Restoral Reporting Code
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.2.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.2.0

Auxiliary Supply Trouble
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(12) - PC4010 V.2.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(16) - PC4020 V.2.0

Auxiliary Supply Restoral
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(12) - PC4010 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (12) ▶ (01)→(16) - PC4020 V.1.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(12) - PC4010 V.2.0
 (0) ▶ (04) ▶ (3) ▶ (20) ▶ (01)→(16) - PC4020 V.2.0

	Option Number	Partition(s)								Zone	Schedule #	Pulse Timer
		1	2	3	4	5	6	7	8			
	(0) ▶ (07) ▶ (1) ▶ (01)→(12) ▶ (1)→(4) - PC4010 (0) ▶ (07) ▶ (1) ▶ (01)→(16) ▶ (1)→(4) - PC4020											
RLY 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
RLY 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
RLY 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
RLY 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

List of PGM Output Options

PC4010/PC4020:

- | | | | |
|-----------------------|----------------------|-----------------------|------------------------|
| [00] Fire and Burg | [09] Latched Strobe | [18] Kissoff Output | [26] Exit Follow |
| [01] Inv Fire/Burg | [10] Trouble Output | [19] COMBUS Power | [27] Entry Follow |
| [02] Burg Only | [11] Courtesy Pulse | [20] Ready Status | [28] Date Schedule * |
| [03] Inv Burg Only | [12] Chime Follower | [21] Zone Alarm | [30] Zone Fault * |
| [04] Fire Only | [13] TLM Only | [22] Zone Follow | [31] Zn Temp Follow * |
| [05] Inv Fire Only | [14] TLM and Alarm | [23] Duress Output | [32] Zn Fault Follow * |
| [06] Utility Output | [15] Failure to Comm | [24] Buzzer Follow | [33] Armed Home Mode * |
| [07] Sensor Reset | [16] Comms Active | [25] Remote Operation | [34] Armed Away Mode * |
| [08] Partition Status | [17] Ground Start | | |

* For Version 2.0 and later

