



I/O Expansion Box for Platinum Pro, Platinum Touch, Rotem One

The I/O Expansion is an add-on to the Platinum Pro, Platinum Touch, and Rotem One controllers. I/O Expansion supports three analog input, analog output, and digital input cards. These cards are wired to their corresponding devices. The controller then manages the devices.



Figure 1: I/O Expansion Unit

- P/N: 900-16-10003. This is the base part number. Cards are ordered separately.
- Refer to the Platinum Pro/Rotem Touch/Rotem One Installation manual for detailed information on wiring the devices to the cards.

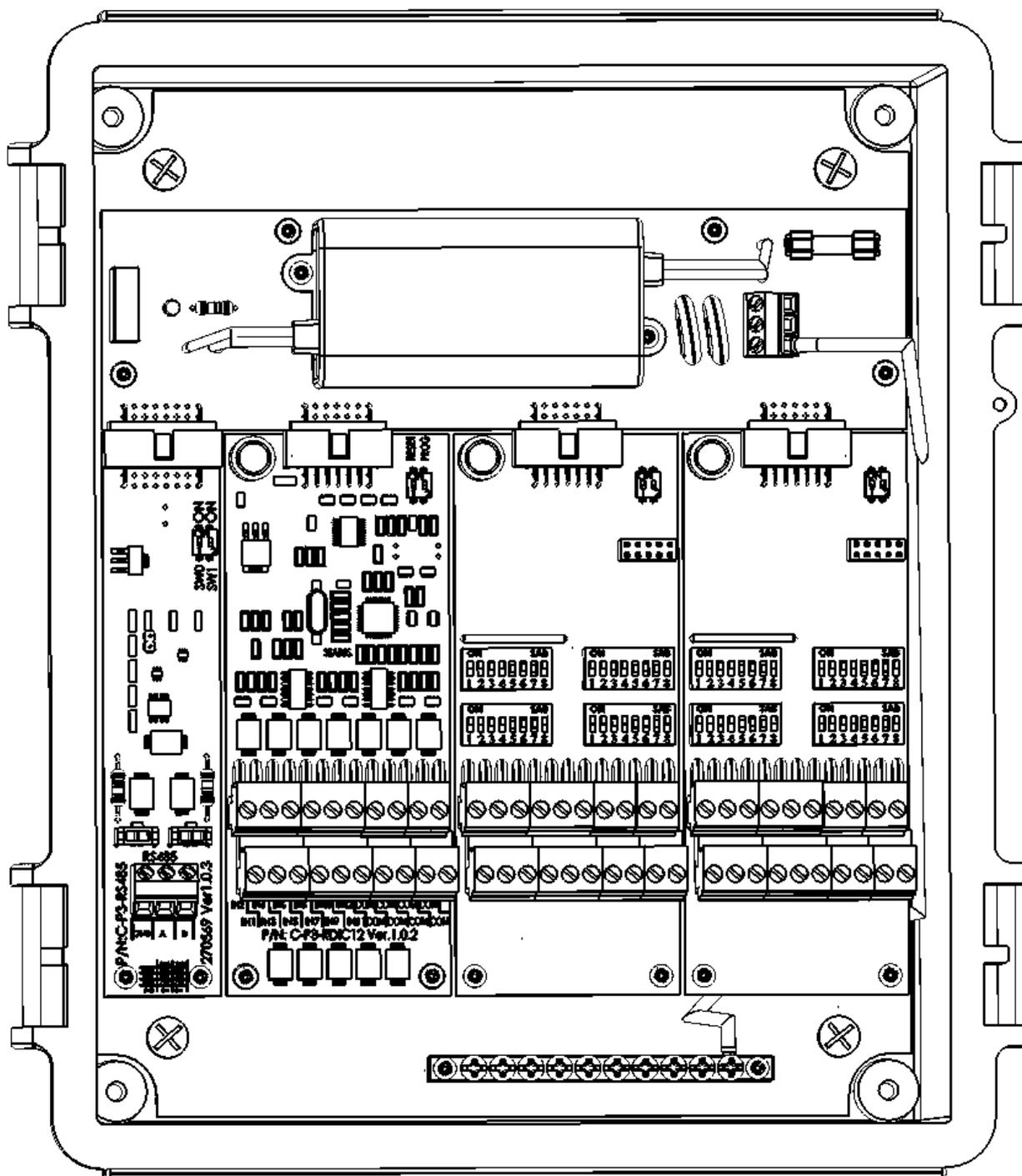


Figure 2: I/O Expansion Layout

NOTE The cards shown in Figure 2 are an illustration only. The I/O Expansion supports any combination of cards.

1. Wire the controller 485ISO-485/PP232ISO-485 card to the I/O Expansion RS-485 card.

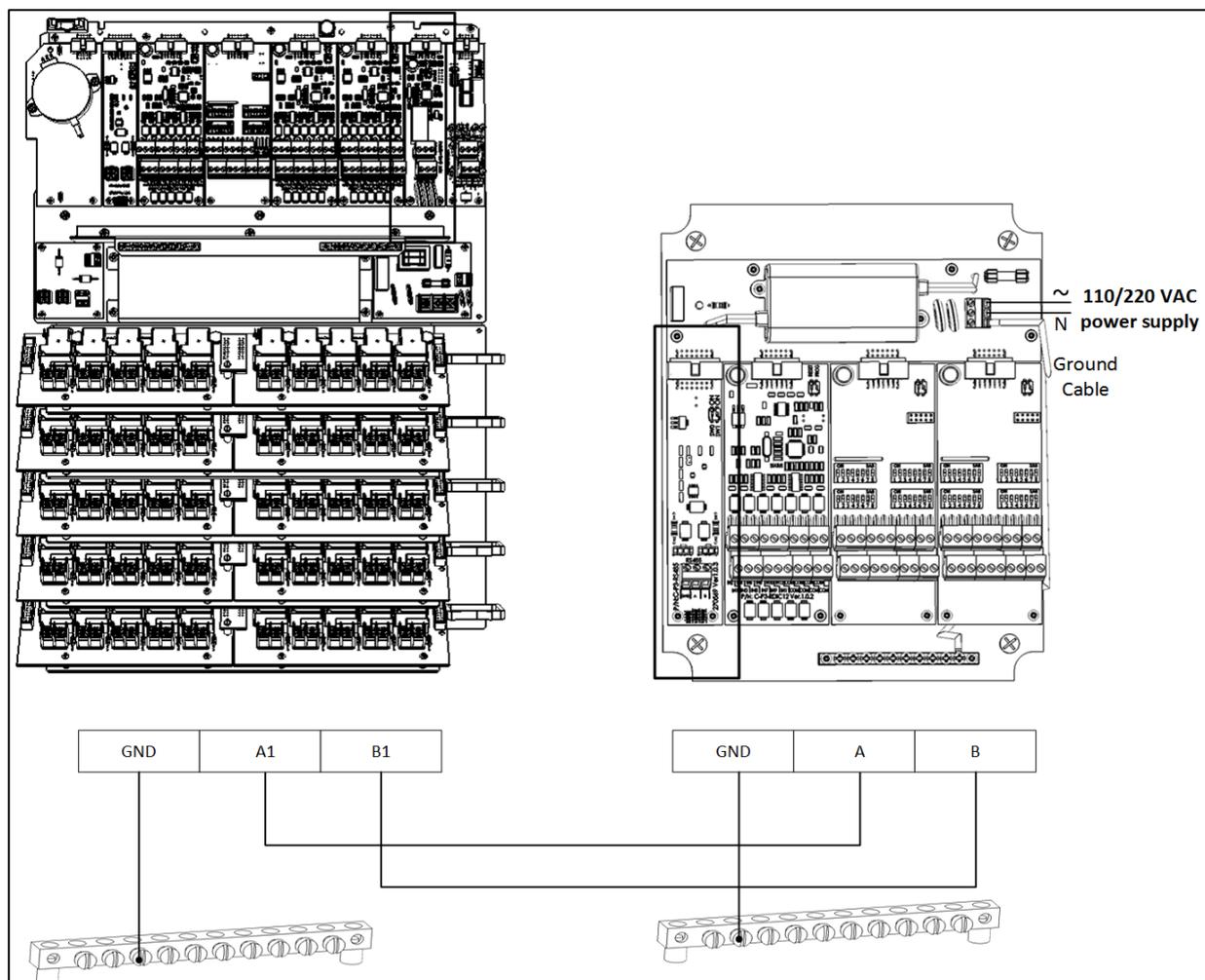


Figure 3: Rotem One to I/O Expansion Wiring / Power cord

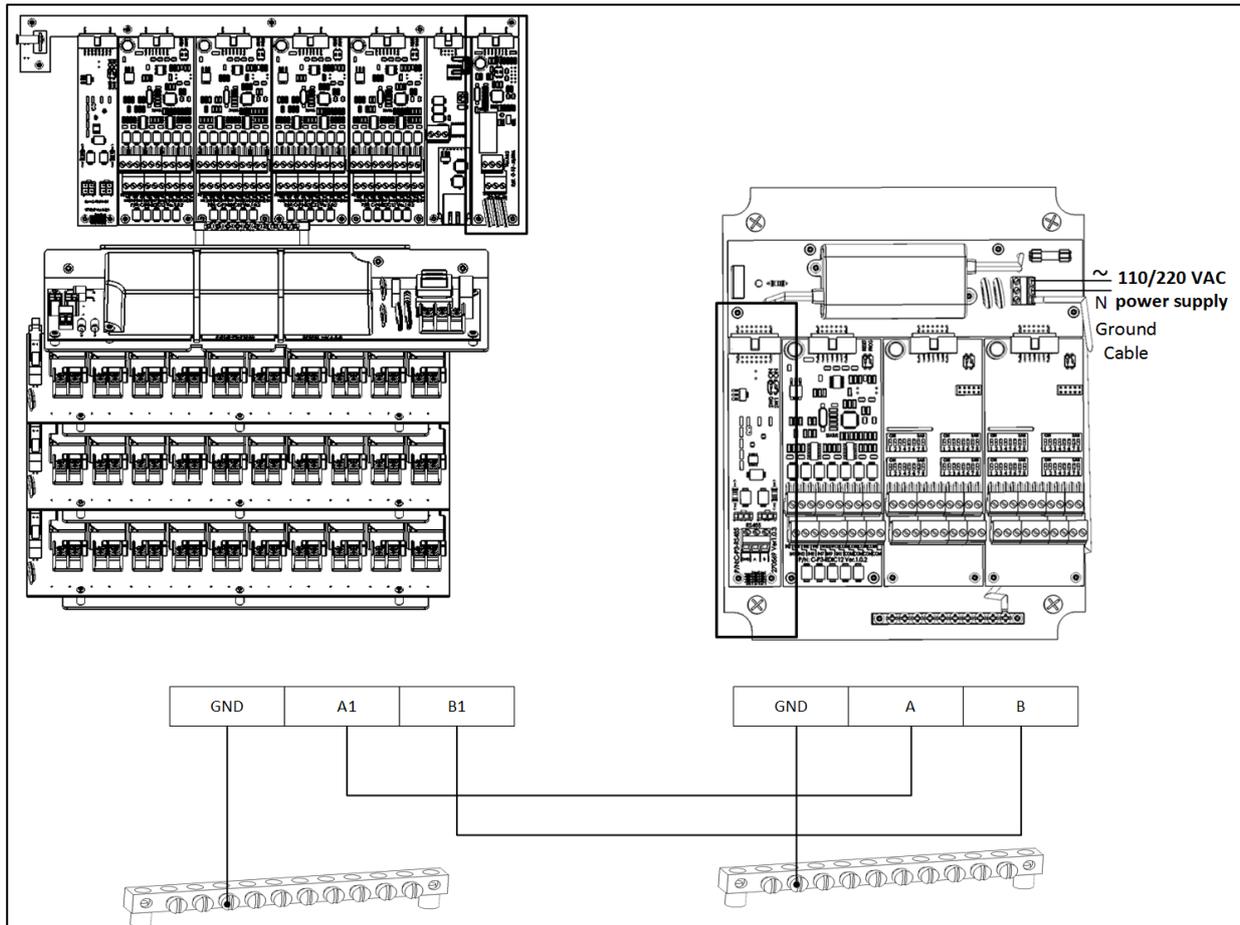


Figure 4: Platinum Pro to I/O Expansion Wiring / Power cord

2. Wire the device:

- Wire the Digital Input, Analog Input, and Analog Output cards to their respective devices. Refer to the Platinum Pro Installation manual for details on the wiring.
- Power:
 - Connect the power supply wires to the appropriate ports.
 - 110/220 VAC

3. To ensure proper termination, place:

- A terminator on the EXP jumpers on the Platinum Pro communication card (if the Platinum Pro is located at the end of a daisy chain).
- A 120 ohm resistor on the I/O Expansion communication card (supplied by Munters).

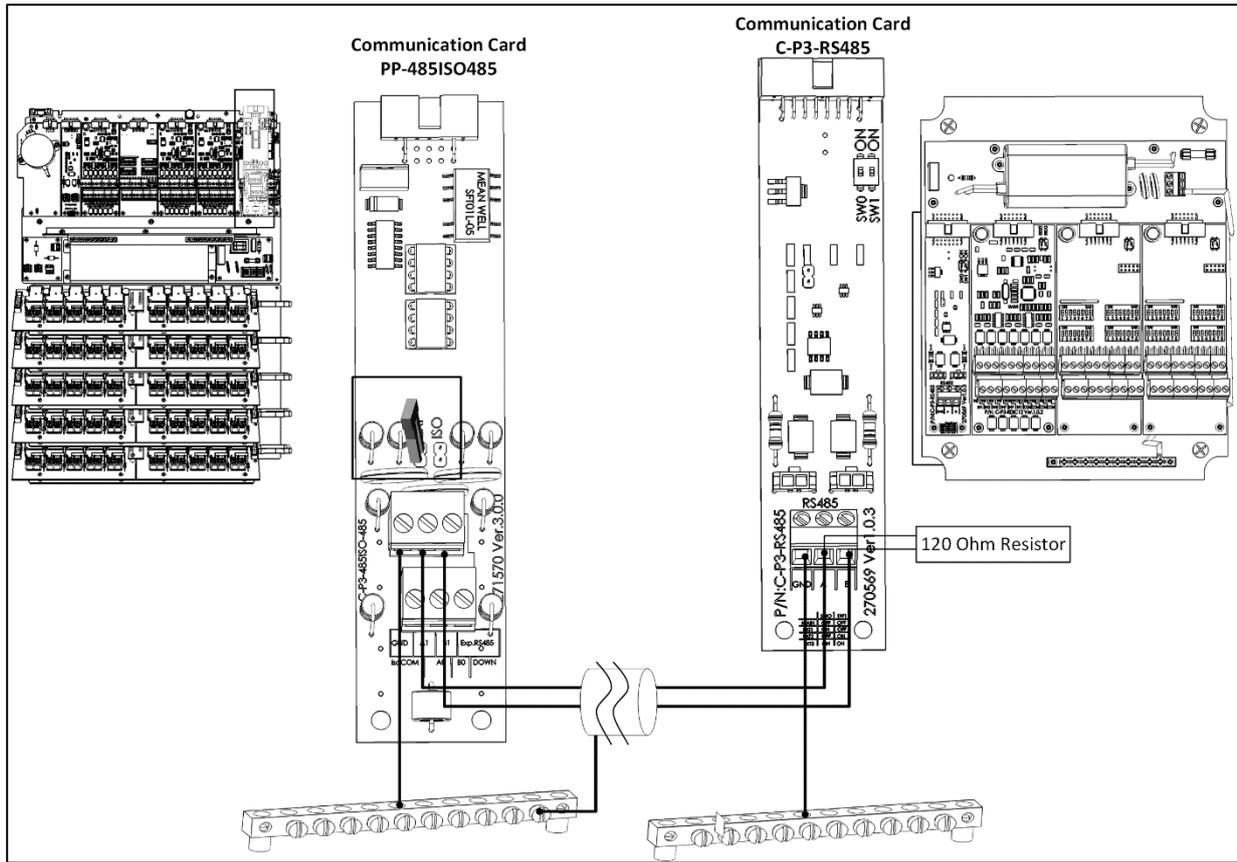


Figure 5: Termination