

Parts list for the module 4443 is as follows:

- Secondary breaker.
- Timer, 2.5 seconds.
- Mechanical delay 2 seconds.
- Two 18Ω/50W resistors in parallel.
- On ON/OFF switch with 2 independent contacts.

No matter which version is choose, 208/220/240 Vac will always be voltage to be delivered for the exciter drawer, and power amplifier drawers.

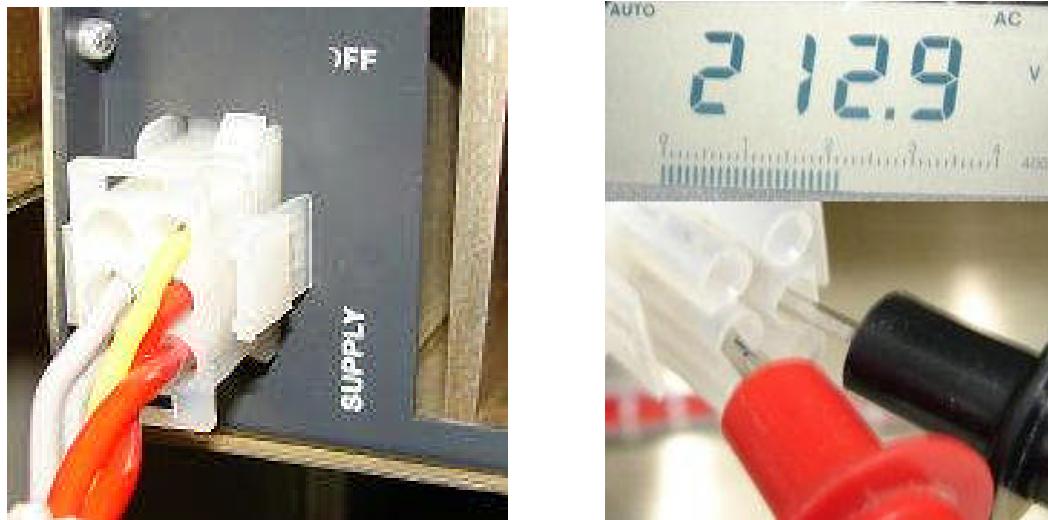


Fig. 7.6: On the right the drawer AC power connector, on the right AC mains reading on the center pins of the same connector.

### 7.2.3. Energy Distribution and Control - Operational Short Description

When ON the 30A breaker connects the 2 main phases to the main bi-phase breaker terminal. The main breaker will be switching ON, module 4443, only if:

- (a) The phase detector, PCB CIM6241A sends the command signal confirming the presence of the all phases. 3 in sequence relay close-open-close noise is audible.
- (b) The interlock is closed,
- (c) The manual switch ON/OFF is pressed.