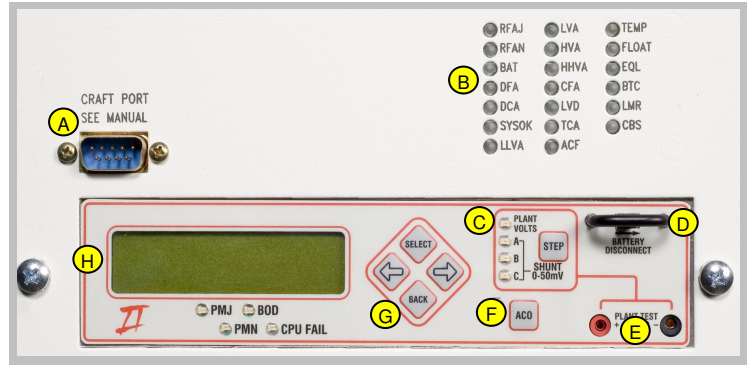


- A. RS-232 craft port. Ethernet port is located on the inside of the door
- B. Status LED's
- C. Plant volts / shunt A, B, C LED's and STEP pushbutton. Note that shunt A is standard. Shunts B and C are optional
- D. Manual battery disconnect switch. This switch supports optional equipment.
- E. Test jacks, used with the backup controller
- F. Alarm cut-off (ACO)
- G. LUD control buttons – left arrow ←, right arrow →, back button, and select button.
- H. 2-line LCD. Commonly referred to as the Local User Display, or LUD.



The text that is flashing in the LUD is the selectable path or feature. Toggle using the left and right arrow keys until the desired selection is flashing.

Any changes to setpoints, as well as enabling or disabling of features, will need to be accepted before they will take effect. Once the selection has been made, toggle the left and right arrow keys until the ACCEPT option is flashing then press the select button. If the user decides not to accept the change, toggle the left and right arrow keys until CANCEL is flashing then press the select button.

The following table provides navigation instructions to common status screens, setpoints, and functions. These keystrokes will lead you to the proper starting point for each function listed. Additional keystrokes will be required to finish the process.

Refer to manual section for full details	Menu Function	Steps to view the desired menu function. The 'select' button is the top button in the four button layout on the front of the Phoenix Digital Controller. The ← and → buttons are found on the Phoenix Digital Controller).									
4.4.1	<b>View Plant Voltage</b>	Select	Select	Select							
4.4.1	<b>View Plant Current</b>	Select	Select	Select	→						
4.4.4	<b>Set Float Voltage</b>	Select	Select	→	→	→	Select				
4.4.4	<b>Set Equalize Voltage</b>	Select	Select	→	→	→	Select	→	Select		
4.4.4	<b>Set Rectifier Max Current (Current Limit)</b>	Select	Select	→	→	→	Select	→	→	Select	
4.9.1	<b>View Individual Rectifier output current *</b>	Select	→	→	→	→	→	→*	Select	Chose which rectifier module's information to view using the ← and → buttons and pressing Select.	
4.4.2	<b>Float / Equalize Mode Selection</b>	Select	Select	→	Select	→	Select				
4.5	<b>View Active Alarms</b>	Select	→	Select	Any active alarm(s) will be displayed. Scroll through all active alarms using the ← and → buttons. To exit the Alarms screen, press the back button.						
4.4.4	<b>Plant Setpoints</b>	Select	Select	→	→	→	Select	Scroll through all Plant setpoints using the ← and → buttons.			
4.8	<b>Test Mode</b>	Select	→	→	→	→	Select				

\* If an ADAC module (optional equipment) is not installed, the → button only needs to be pressed 5 times to view the rectifier menu screen. Once the rectifier screen is selected, scroll to the desired rectifier and press the select button. The corresponding rectifier's output current will be displayed.



## Phoenix™ Controller Quick Start Guide – Continued

### Installing a Rectifier:

1. Remove the blank filler panel where the rectifier module will be inserted.
2. Ensure the AC circuit breaker in the AC power service cabinet is set to the off position.
3. Insert the rectifier into the rectifier shelf. The module should slide in easily. Do not force it into the shelf or damage to the module or plant backplane could occur.
4. Push lightly on the front of the module until the module is against the face of the shelf. Secure the module to the cage with the module retaining screws.

### Removing a Rectifier:

1. Loosen the rectifier retaining screws.
2. It is recommended, but not necessary, to turn off the AC circuit breaker that feeds the rectifier module (located in the AC service cabinet).
3. Gently slide the rectifier module out of the shelf.
4. If a blank panel is needed, order part number 4361179P.

### Front Panel LED Status Field:

The adjacent table defines the alarms and LED color code for the front panel display of a Phoenix controller.

ALARM ACRONYM	ALARM NAME	ALARM LED
RFAJ	Rectifier Major	Red
RFAN	Rectifier Minor	Amber
BAT	Battery Monitor	Amber
DFA	Distribution Fuse	Red
DCA	Distribution Current	Amber
SYSOK	System OK	Green
LLVA	Low Low Voltage	Red
LVA	Low Voltage	Amber
HVA	High Voltage	Red
HHVA	High High Voltage	Red
CFA	Converter Fail	Red
LVD	Low Voltage Disconnect	Red
TCA	Total Current	Amber
ACF	AC Fail	Amber
TEMP	Temp High/Low	Amber
FLOAT	Float Mode	Green
EQL	Equalize Mode	Amber
BTC	BTC Active	Amber
LMR	Limited Recharge	Amber
CBS	Control Battery Supply	Red
BOD	Battery On Discharge	Red
PMJ	Power Major	Red
PMN	Power Minor	Amber
CPU FAIL	Controller Failure	Red
ACO	Audible Alarm Cutoff	Amber