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- ☐ **Model P** – On this device the master relay is normally ENERGIZED. When Conditions are normal and 3 phase power applied master relay connections are 1 to 2. When a phase loss occurs master relay will de-energize and contacts 1-3 will be closed. (1-2 will be open)
- ☐ **Model PND** – On this device the master relay is normally DE-ENERGIZED. When conditions are normal and 3 phase power applied master relay connections are 1to 3. When a phase loss occurs master relay will Energize and contacts 1-2 will be closed. (1-3 will be open)

Available features adjustable via software - usb connection to laptop computer

- ☐ Lost Phase Identifier – **Note: After installation** - remove L2 to create phase loss. If display shows L1 use Admin Tool to make the correction.
- ☐ Time Delay Setting _____ Seconds ☐ Voltage Unbalance Setting _____%
- ☐ Adj. Phase loss Time Delay (Range .5 to 30 Sec.) ☐ Adj. phase unbalance 5% to 15% (Default is 12%)
- ☐ Reverse Phase detection ☐ Normal relay selector (User select model P or PND operation)
- ☐ Low Voltage detection _____ % Drop out ☐ Low Voltage Trip Adj. (70-87%) & Time Delay (1-15 Sec.)
- ☐ Over Voltage detection _____% Drop out ☐ Over Voltage Trip Adj. (108-115%) & Time Delay (1-15 Sec.)
- ☐ Reset Time delay _____ Sec. / Min. (incl. Manual Reset) - Accessible via Admin Tool software only.
- ☐ Power Up Time delay _____ Sec. / Min. ☐ Normal Operation delay _____ Sec. / Min.

We recommend this device be tested on a regular maintenance schedule.

SCREEN SAVER MODE begins after 10 minutes when voltage is normal
and cycles through the following

Normal – date & time / Last fault – date & time / Model – Serial number

TO VIEW MODEL NUMBER - PRESS SELECT TWICE

After 5 seconds of no pushbutton input – display reverts to main screen.

MENU – via Pushbuttons

Press SELECT (Once) to enter **SETUP MENU** – you will see the following:

Version Info (SCROLL up/dn) - Model / Serial # / Firmware

(SCROLL)

Previous Events (SCROLL up/dn) - Event log – 50 most recent – updates automatically

(SCROLL)

Set Date Time (SCROLL up/dn) * Day / Month / Year / Hour / Min.

*Any changes made automatically take effect after display reverts to main screen.

Menu – via USB cable connection – <http://taylorphaseguard.com> / download Admin Tool (PC & MAC)

Phase-Guard feature upgrade instructions

You should have received a usb cable with the unit and you will also need to go to our website, www.taylorphaseguard.com to download our Phase-Guard Admin tool software. There is a version for both Mac and Windows.

1. Connect the Phase-Guard to 3 phase power and power up.
2. Connect the usb cable between Phase-Guard and laptop computer.
3. Double click on the Admin tool – connection should be automatic.

Note: If connection fails, either “Refresh the Port List” and click “Connect” or simply close the Admin. App. then re-boot.

Once connection is made, In the upper center of the screen there are 3 tabs. Settings / Event Log / Information

You automatically begin in the “Settings” window.

Some items appear dark in color and others are grayed out.

Darker items are active and changes can be made to them.

Grayed out items are inactive and not currently available.

Click on – “**Information**” tab shows a full list of options available for the Phase-Guard and identifies which ones are active. You may add additional options here by purchasing a license key using the following instructions:

Click on “**Upgrade Phase-Guard**”.

Then click on “**Purchase upgrade**” This will take you to our web store page where you can select features, individually or in combinations for purchase via credit card. Once the credit card is processed a License key will appear. Copy & paste the key into the “license key” window and press “Upgrade Phase-Guard”. The option list will be changed to reflect the newly added feature. The license key will also be included with the purchase confirmation e-mailed to you. Separate license keys are required for each additional Phase-Guard.

Return to the “Settings” window to make adjustments to the features added or to activate / de-activate features as desired.

The “**Event Log**” screen keeps a record of the date and time of 50 most current events. These can be voltage events or even changes made to the function of the Phase-Guard itself. When event number 51 occurs the oldest event is dropped.