

Tuesday, June 4, 2013

Attn: All model SACP rental customers, Smartech representatives and Authorized Service agents.

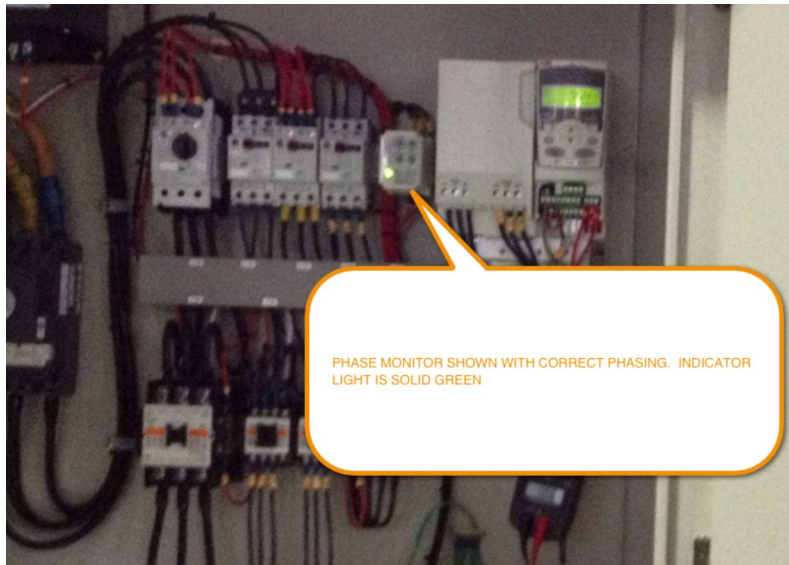
RE: Phase monitor relays installed on SACP rentalized packaged air conditioning units

All Smartech brand, model SACP rental units (Including models SACP20Q, SACP27Q, SACP40Q, SACP60Q, SACP65Q, SACP80Q, SACP40A-HS, and SACP80A-HS) are equipped with a phase monitor relay. This relay provides protection against under voltage, over voltage, phase rotation, and phase imbalance.

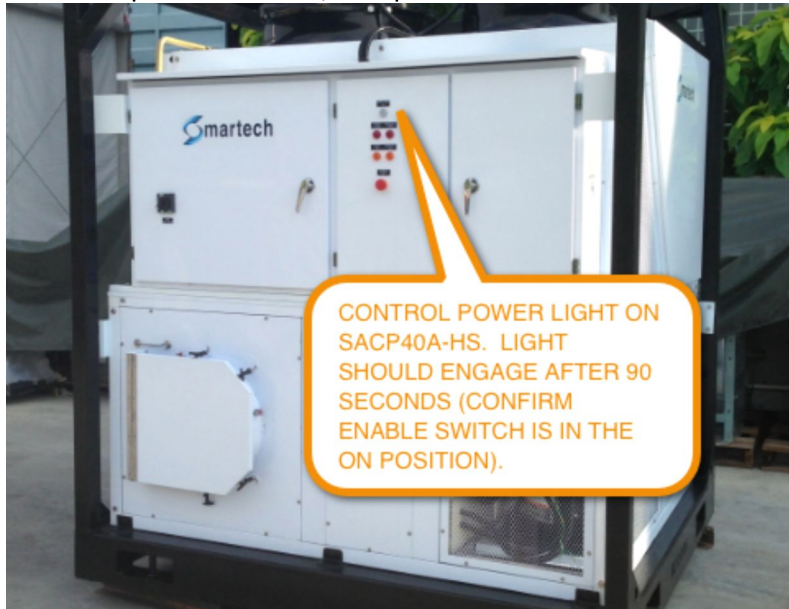
This relay is installed within the POWER section of the control panel (within the 208, 230, 460, or 575 voltage control panel). This panel is typically the left most panel (if the end user is facing the control panel). The relay (also referred to as the OVR, OUVR, or PMR) is equipped with a timer. To clarify, the phase monitor relay will not engage the control power side of the relay until the time has elapsed (typically 90 seconds). The phase monitor relay has an integral indicator light that has multiple color and flashing combinations to inform the user of under voltage, over voltage, incorrect phase rotation, and phase imbalance.



When a SACP rental unit is provided with clean power (with correct phasing) the phase monitor relay indicator light should be in a SOLID GREEN state.



After 90 seconds the control power light should be powered (on the outside of the control panel) if the ENABLE SWITCH is in the ON POSITION. If the control power light does not come on after 90 seconds it is recommended to check the status of under voltage, over voltage, incorrect phase rotation, and phase imbalance.



- Please take note that the POWER CONTROL panel of the SACP rental units should only be opened and reviewed by a licensed electrician and/or a factory authorized service representative. Electric shock and bodily harm can result from contact with any power components.

All current production SACP rental units are equipped with an ADDITIONAL PHASE ALARM / INCORRECT PHASE light on the outside of the 115V control panel door. This added light gives

# **SMART FAMILY OF COOLING PRODUCTS**

*www.SmartCoolingProducts.com*



*1118 First Street E, Humble TX 77338  
p. 281.540.2805 / F. 281.540-8847*

the customer the ability to determine if incoming power is within acceptable ranges, without being exposed to the POWER control panel.

Sincerely,  
Ryan M. Baker - Vice President of Equipment Sales