

The **AC-410 Series** are plug in Phase Sequence and Loss Monitors that protect 3 phase refrigeration equipment from adverse line conditions such as:

**PHASE LOSS (SINGLE PHASING):** When any one phase drops to 83% or less of the adjustment setting.

**UNDER VOLTAGE (BROWN OUTS):** When all three phase voltages drop to 90% or less of the adjustment setting.

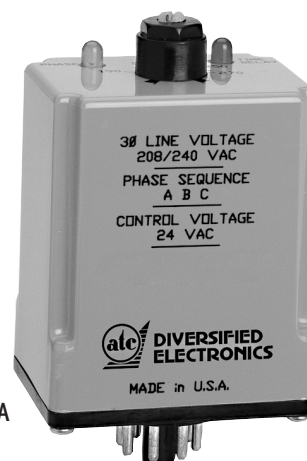
**PHASE REVERSAL (IMPROPER SEQUENCE):** When the wrong sequence is applied to the equipment.

### OPERATION

When any of the mentioned occurs, the internal control relay drops out and a 3 minute delay-on-break time delay begins. This delay is used to lock out the compressor, allowing time for head pressure to equalize. When the delay has completed, the relay will re-energize provided all conditions are corrected and the external control voltage is present on terminals six (6) and seven (7). A green indicator glows when all line conditions are normal and a red indicator shows when the timer is in its delay.

### SPECIFICATIONS

<b>DROP OUT</b>	1 $\emptyset$ Low	83% of Adjustment Setting
	3 $\emptyset$ Low	90% of Adjustment Setting
<b>PHASE SEQUENCE</b>	ABC (Will Not Operate CBA)	
<b>TIME DELAYS</b>	Operate	3 Minutes $\pm$ 20%
	Release	100 Milliseconds
<b>OUTPUT RATING</b>	<b>AC-410</b>	SPDT, 10 Amps @ 240 VAC, Resistive; 470 VA, Inductive.
	<b>AC-411 &amp; AC-412</b>	SPDT, 10 Amps @ 240 VAC, Resistive; 180 VA, Inductive
<b>TEMPERATURE RATING</b>	Operate	-4° to 131°F (-20° to +55°C)
	Storage	-40° to 185°F (-40° to +85°C)
<b>ENCLOSURE</b>	Style "A"	
<b>WEIGHT</b>	7 oz.	



STYLE A

## Phase Sequence & Loss Monitor

### ORDERING INFORMATION

Consult factory for available models.

### WIRING

