

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

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



STYLE A

Phase Sequence & Loss Monitor

ORDERING INFORMATION

Consult factory for available models.

WIRING

