

Engineering Specifications

Hawkeye Current Sensor Model H730

1. The current sensor shall combine a status sensor for monitoring positive status, and a command relay for starting or stopping motors in a single package
2. The current sensor shall be induce powered from the monitored load
3. The current sensor shall provide on/off status indication of electrical loads from 0.5 to 200 A
4. The current sensor shall have a fixed operating range from 0.5-200 A
5. The current sensor shall be capable of providing accurate status at temperatures from -15 to 60 ° C
6. The current sensor shall be isolated to 600 VAC rms
7. The current sensor output shall be N.O., Solid State, 1.0 A @ 30 VAC/DC
8. The relay output shall be N.O., 10A resistive, 5A inductive @ 30 VDC, 240 VAC
9. The current sensor hole size shall be 0.75" in diameter
10. The current sensor dimensions shall be (LxWxH)...2.95"x2.65"x1.05"
11. The current sensor with integral command relay shall be a Hawkeye model H730

SAMPLE SPECIFICATIONS

1. Current Sensing Switches/Command Relay (CS): CS shall be utilized for monitoring motor operation. Switch set point shall be fixed so that a contact closure is made any time the motor is operating within a range of 0.5-200 amps. Switch shall be equipped with an on board command relay for motor starter start stop control. **Induced current from the motor power feed shall power CS; shall be a solid-core type with optional mounting bracket; shall be isolated to 600 VAC rms; Output shall be N.O., Solid State, 1.0 A @ 30 VAC/DC with a minimum aperture of 0.75" diameter for motor power feed.** CS shall be a **Hawkeye** model **#H-730** as supplied by Veris Industries, Inc., or Engineer approved equal.
2. Motor Status: The contractor shall provide and install a Current Sensing switch on any motor required to have motor status. One phase of the motor power feed shall be routed through the aperture of the current sensing switch. The Switch shall be equipped with an on board command relay for motor or starter on/off control.