

Engineering Specifications

Hawkeye Microprocessor Based Current Sensor Model H904

1. The current sensor shall be capable of detecting motor belt or coupling loss when mounted on the load side of variable frequency drives
2. The current sensor shall be factory programmed to detect motor undercurrent situations (belt or coupling loss) on variable or constant volume loads...no calibration required.
3. The current sensor shall store the motor current operating parameters in non volatile memory
4. The current sensor shall have a push button reset to clear the memory if the operating parameters change or the sensor is moved to another load
5. The current sensor shall provide visual indication (LED) for sensor status
6. The current sensor shall be induce powered from the monitored load
7. The current sensor shall be self-calibrating and provide positive status indication of electrical loads from 3.5 to 135 A
8. The current sensor shall be capable of operating in frequencies from 5 to 75 Hz.
9. The current sensor shall be capable of providing accurate status at temperatures from -15 to 60 ° C
10. The current sensor shall be isolated to 600 VAC rms
11. The current sensor output shall be N.O., Solid State, 0.1 A @ 30 VAC/DC
12. The current sensor shall be a self gripping split-core type with a hole size of (LxW) 1.00"x0.75"
13. The current sensor dimensions shall be (LxWxH)...3.00"x2.75"x1.025"
14. The current sensor shall be a Hawkeye model H904