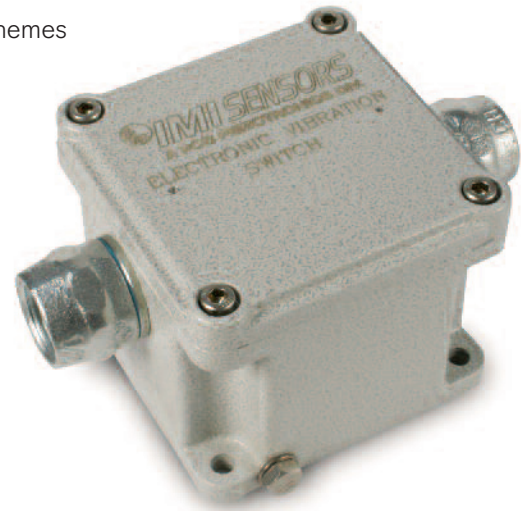


Product Benefits

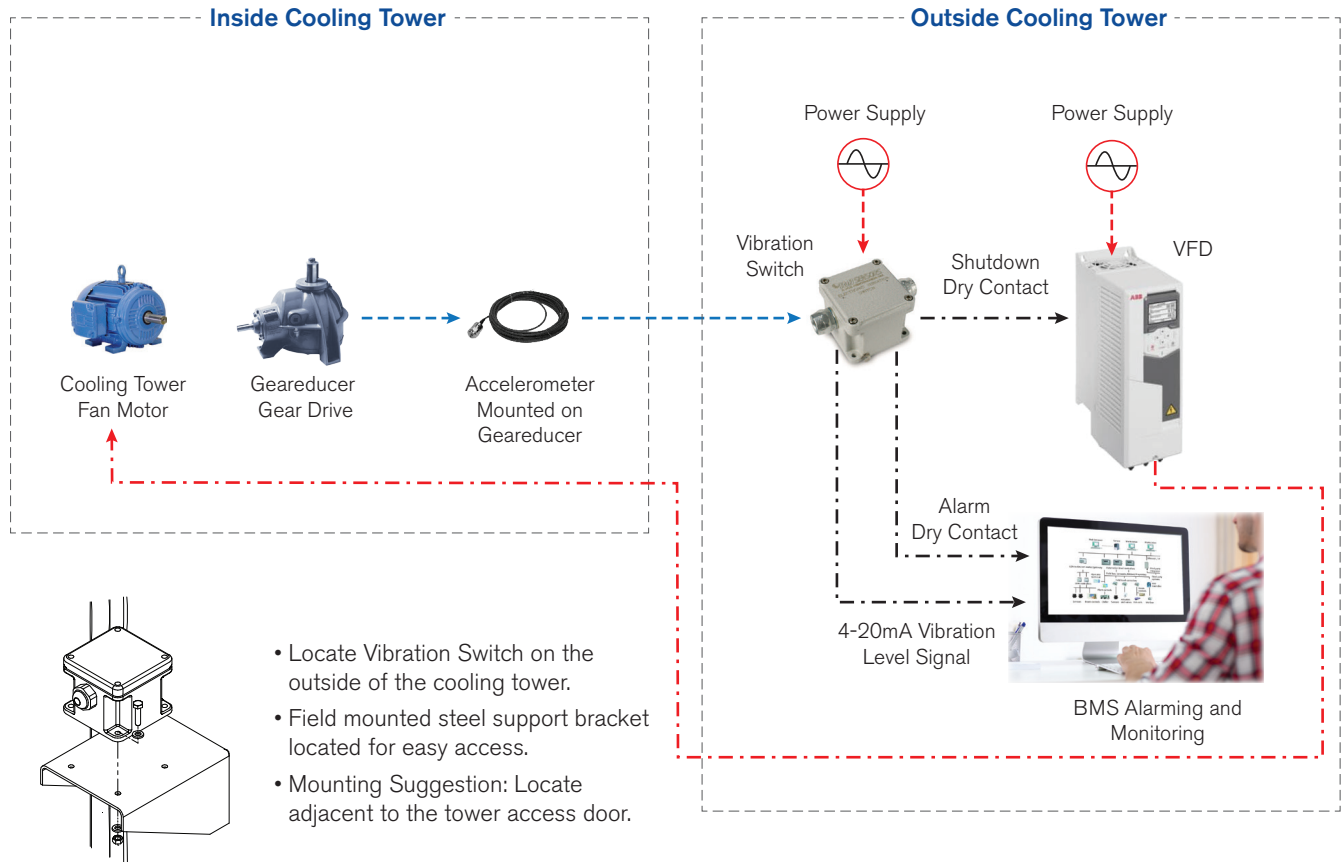
- Optional external piezoelectric accelerometer for improved accuracy and frequency response
- Vibration range is factory set to 0-1.5 ips peak velocity
- Adjustable trip limits and time delay via single-turn potentiometers
- Accommodates NO (normally open) and NC (normally closed) wiring schemes
- Continuous (or) Latching switch action
- Local reset button located inside case with remote reset capability
- LED indicators for Power (green), Alert (yellow), and Alarm (red)
- Flexible design allows for various custom requirements
- 4-20 mA field calibration feature for improved accuracy
- Raw vibration and 4-20 mA outputs standard

Specifications





- Power Supply: 85-240 VAC or 12-30 VDC (factory set), 150 mA max
- Sensor Type: Piezoelectric sensing element
- Vibration Range: 0-1.5 ips pk (factory set)
- Frequency Response: ± 3 dB: 2Hz to 1Khz (120-60000 cpm)
- Turn on Time Delay: 20 seconds
- Alert/Alarm Time Delay: 0-45 seconds
- Alert/Alarm Switches: 10A/245VAC-5A/30VDC Form C Relay (SPDT)
- Operating Temperature Range: -22 to 158°F (-30 to 70°C)
- Relative Humidity: NEMA 4X Rating
- Case Dimension: 3.5" x 2.8" x 3.5" (90 x 70 x 90mm)
- Weight: 1.85 lb (839g)
- Enclosure Rating: NEMA 4X/IP68 painted aluminum
- External Accelerometer Enclosure Rating: NEMA 4X/IP68 stainless steel
- Input/Output Electrical Connectors: Screw terminals
- Screw Terminal Wire Size: 24-14 AWG (0.2-2.5 mm²)
- Wiring Interface: 1/2" NPT conduit hub
- Mounting Hole Diameter: 0.21"
- Mounting Screw Torque: 2-5 ft·lb (3-7 Nm)



Application Diagram



Configurations

Part Number	Description	Model	Electrical Certification
2456599	Vibration Switch with Internal Accelerometer	685B0001A11 – 120VAC	 
2456778	Vibration Switch with Internal Accelerometer	685B1001A11 – 120VAC	
2676255		685B1011A11 – 24VDC	
2600296	External Accelerometer with Integral Cable	603C11/030BZ – 30 ft	
2706949		603C11/050BZ – 50 ft	

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