

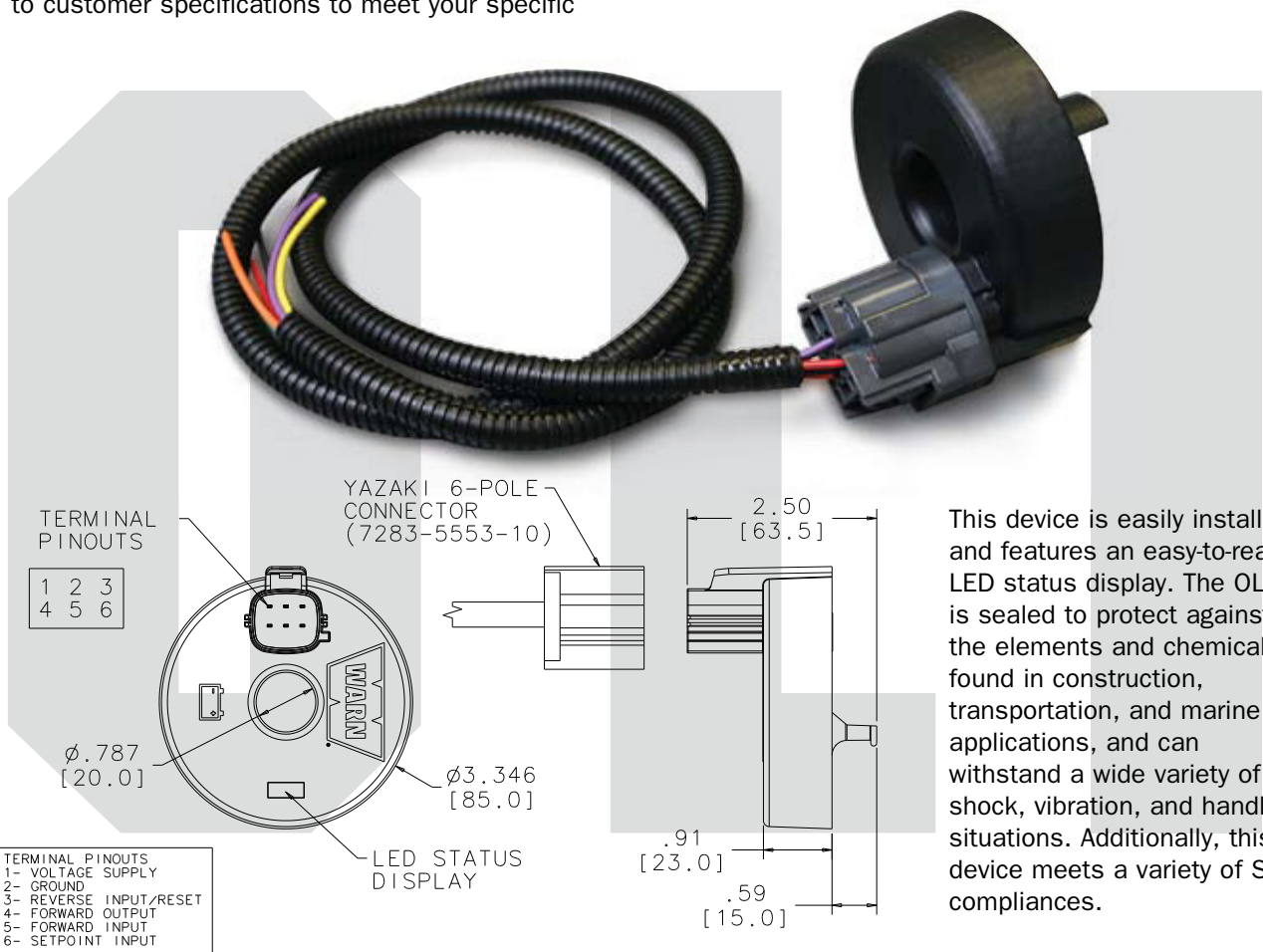
WARN OVERLOAD INTERRUPT

GUARD AGAINST OVERLOAD WITH DIGITAL TECHNOLOGY

The WARN® OLI module can be used in any DC electrical system to sense and limit current flow. The current limiting function is useful to protect electric motors, machinery, and other electrical circuits components from overload and damage. In addition, the OLI module can shutdown circuits under low voltage situations to protect batteries and other power sources from harmful discharge. Each OLI is custom programmed at the factory to customer specifications to meet your specific

needs, and can be reprogrammed by trained factory representatives.

The OLI is engineered to accurately sense both motor current between 50 and 400 amps, and voltage between 8 and 32 volts. The OLI will cut power to the winch/hoist motor in less than 100 milliseconds once the specified amperage/voltage is reached. When the OLI is tripped, power to the winch or hoist will remain off until you reset it.



This device is easily installed and features an easy-to-read LED status display. The OLI is sealed to protect against the elements and chemicals found in construction, transportation, and marine applications, and can withstand a wide variety of shock, vibration, and handling situations. Additionally, this device meets a variety of SAE compliances.

OLI SPECIFICATIONS

Sensing Current (Setpoint) Range: 50-400 Amps
Supply Voltage: 8.5-32 VDC
Quiescent Current: 10 mA Max.
Operating Current: 100 mA Max.
Relay Contact Rating: 15 Amps Max.
Overload Interrupt Precision: +/- 10%
Low Voltage Interrupt Precision: +/- 5%
Response Time: < 100 mS
Operating Temperature: -20 to +110 deg C
Storage Temperature: -40 to +125 deg C



STANDARDS COMPLIANCE

- SAE J1455- Recommended Practice for Electronic Equipment in Heavy Duty Vehicle Applications
- SAE J113- Electromagnetic Compatibility Measurement Procedure for Vehicle Components, Immunity to Electromagnetic Fields
- SAE J1812-Function Performance Status Classification for EMC Immunity Testing