

Battery Disconnects

TMR-30: Disconnect Timer

Eliminate dead vehicle batteries caused by power drain from radios and data terminals that must operate while the engine is off. Allows use of accessory loads per programmed time limit while preserving battery for engine start

- Programmable disconnect time limit, 15 minutes to 15 hours, so that you can match your auxiliary load use to battery capacity, providing maximum run time yet still ensuring adequate reserve for engine start.
- Prevents dead batteries due to accessories being left on and forgotten.
- Once power off circuit is activated, power to auxiliary circuits is automatically restored when engine started, no delay in use of equipment.
- Low and High Voltage Disconnect
- Simple 3 wire installation: 1) Power in from battery, 2) power out to loads, 3) chassis ground. Optional ignition sense wire resets power on without having to start engine.
- Rugged construction, cast aluminum case with epoxy potted components, designed to withstand heat and vibration of engine compartment applications, and perform in demanding emergency vehicle applications.
- 30 amp rating: Power timer can be applied to multiple auxiliary loads/circuits. Multiple devices can be left on during emergency calls without running engine.

Model: TMR-30

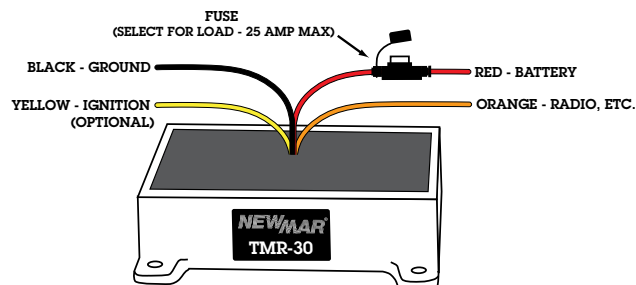
Rating: 12 volt nominal, 30 amps, 3 mA standby current

Protection: In-Line fuse, low and high voltage disconnect

Mechanical: Cast aluminum case with epoxy potted components

Size: 3 7/8" L X 3" D X 1 1/4" H

Weight: 1 lb



LVD: Low Voltage Disconnects



Discharging batteries beyond a critical low voltage can damage the batteries and/or load, and require a longer recharge interval. A low voltage disconnect prevents this condition. The LVD contains a sense and control circuit housed in a compact, rugged, vinyl-clad aluminum case. It is installed in-line between the battery and the load. The unit continually monitors battery voltage and if it falls below a preset voltage threshold, the load is automatically disconnected. When batteries are recharged past another pre-set voltage the load is reconnected. connect and disconnect points are user adjustable.

Models:

LVD 12-30, LVD 12-75 (Neg. Ground)

LVD 24-50 (Neg. Ground)

LVD 48-30 (Pos. Ground)

For high current model, see PFM-400 Pg.5

Specifications

Factory Set Actuation Voltages:

	12 VOLT	24 VOLT	48 VOLT
Disconnect	10.4 VDC	21.0 VDC	42.0VDC
Connect	12.2 VDC	24.5 VDC	49.0VDC

Voltage and Contact Current Ratings:

Indicated By Model Number (i.e., LVD 12-30 = 12 Volts, 30 amps Continuous)

Dimensions (mounted vertically, all models): 5.25" High x 5.25" Wide x 3.5" Deep

Weight: (All models): 1LB.

Operating Temperature: 0-50 °C

Typical LVD Installation

