



Low Voltage Cutout

Features

The BAINTECH LVC is a fully automatic low voltage battery isolation device.

PROTECT YOUR BATTERIES

Once your battery voltage drops below 11V DC for more than 30 seconds the BAINTECH LVC will isolate your battery from DC system. At this point the BAINTECH LVC will automatically illuminate the Red LED status indicator light and ensure the relay contact remains (open). This is now protecting your battery from being discharged below there desirable operating level, therefore providing your batteries with maximum longevity and prolong battery life.

When charged or whilst charging the battery the BAINTECH LVC will automatically reconnect the batteries to your DC system once your voltage reaches 12V DC. At this point the BAINTECH LVC will automatically illuminate the Green LED status indicator light and ensure the relay contact remains (closed). Your DC system will remain fully functional until the battery voltage drops again below 11V DC.



BTLVC0001

Technical Specifications

Status indicators

Red LED -----Indicates Low Voltage
(Contact open)

Green LED -----Indicates Normal Voltage
(Contact closed)

Wiring connections

87 -----battery +

88 -----battery -

30 -----load +

Power on, wait 15 seconds LED will indicate relay mode

Specifications

Operating voltage-----10.5-18V DC

Power consumption -----<10ma

Operating temperature-----0-50 °C

Tolerance -----+ / - 0.06V

Max Load -----40A DC

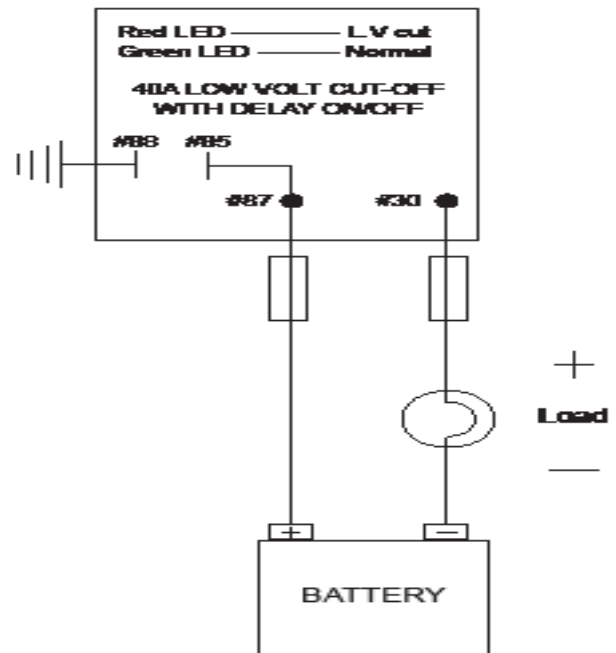
Factory setting for 12V system

Set low volt cut-out -----11V

Set normal volt cut-----12V

Set cut-out & cut-in delay time-----30 secs

Wiring Diagram



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