



ME2038 Features:

- N.O. and N.C. volt free relay contacts
- LED indication of low battery volts
- Potentiometer adjustment of threshold level
- Suitable for all popular battery voltages
- Small size and light weight
- No external power source required
- Simple to install

PowerFactor's ME2038 low battery voltage trip has an in-built relay which is energised when the battery voltage drops to a predetermined level.

Trip voltage level can be accurately set by the user adjustable potentiometer to activate the internal relay at a voltage to suit the circuit application or battery type. A LED is illuminated to indicate the trip which comes factory set at 21.5V (for a 24V version). Once tripped, the ME2038's built-in hysteresis causes the LED to remain on and the relay closed. It will not de-energise until the battery is recharged and its voltage reaches approximately 24.2V (for a 24V version)

The relay can be used for driving load disconnect circuitry or simply to provide alarm indication of battery voltage to allow user intervention to prevent battery deep discharge

Driven from the connected battery, the ME2038 requires no external power supply and its compact open pcb style with 4 fixing holes allows the flexibility of mounting to either chassis or pcb.

Connections

+ve battery	red
-ve battery	black
relay common	white
n/c (with led off)	grey
n/o (with led off)	yellow

outline dimensions: 52.5mm x 40.0mm x 18.0mm