E1056 1A VOLTAGE SENSITIVE SWITCH

This Unit provides a set voltage to switch a load of up to 1A.

The current drawn from the voltage source is < 1mA below the switching voltage.

The output switches Off as the voltage rises and On as the voltage falls.
The switch voltage can be set in the range 10.5V to 14.0V.

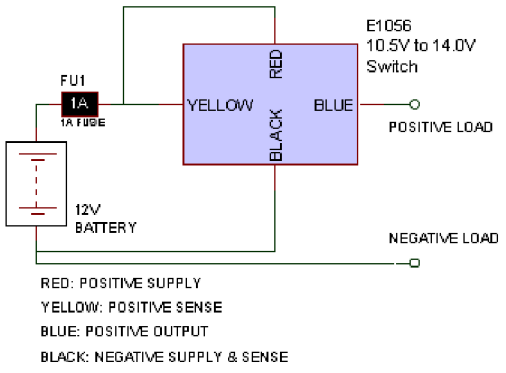
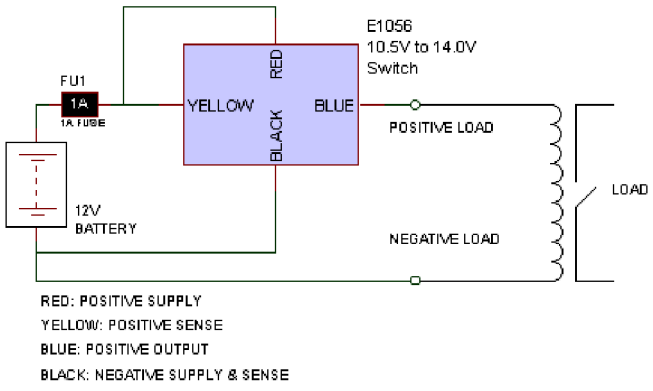
The Unit can be used for switching higher power by adding a relay - SEE WIRING DIAGRAM BELOW



Specification:

Parameter	Value
Supply Voltage (Vin)	10V to 15V
Output Current	1A
Sense (Switch On) Voltage, factory setting	10.8V (Voltage Falling)
Sense (Switch ON) Voltage, Adjustment Range	10.5V to 14V
Sense Voltage Hysteresis	200mV typical
Supply current, below switch voltage	< 1mA
Supply Current, Above Switch Voltage, No Load	< 5mA
Connections	Four Flying Leads Red = Supply positive Blue = Output Yellow = Sense Input Black = Sense negative / ground
Physical Dimensions	62 x 42 x 13mm
Mountings	Single Ø 5mm Hole

Wiring Diagrams

Standard Wiring Diagram	The Unit also can be used as a Solid State 1A Relay. The Unit can be used for switching higher power by adding a relay (as shown below)
	

Examples:
This Unit can be used to switch a Relay Coil / a Solenoid Coil (which takes less than 1A) or to control one of our Voltage Converters or Battery Chargers via the Brown Control Lead.
These are just a small example of what the Unit can be used for.

EURO MANUFACTURING AND MARKETING LIMITED
Euro Works, 11-13 High Street, Wem, Shropshire SY4 5AA, England.
Tel: +44 (0) 1939 235073 Fax: +44 (0) 1939 235074
Email: sales@eurogroup-gb.com OR sales@battery-management-voltage-converter.com
Web Site: www.eurogroup-gb.com OR www.battery-management-voltage-converter.com