E929 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 < 0.5mA at the switching voltage.

The output switches On as the voltage rises and Off as the voltage falls.
The switch voltage can be set in the range 10.0V to 30.0V.

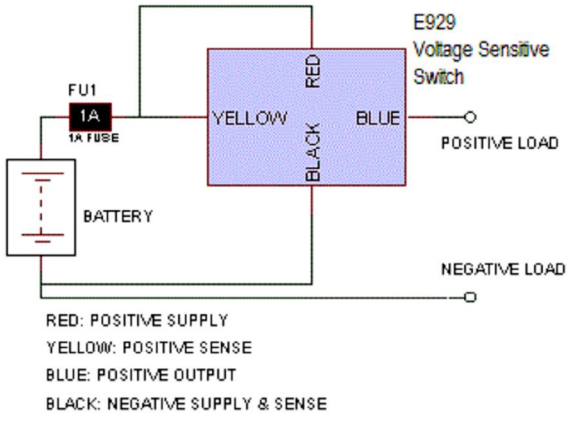
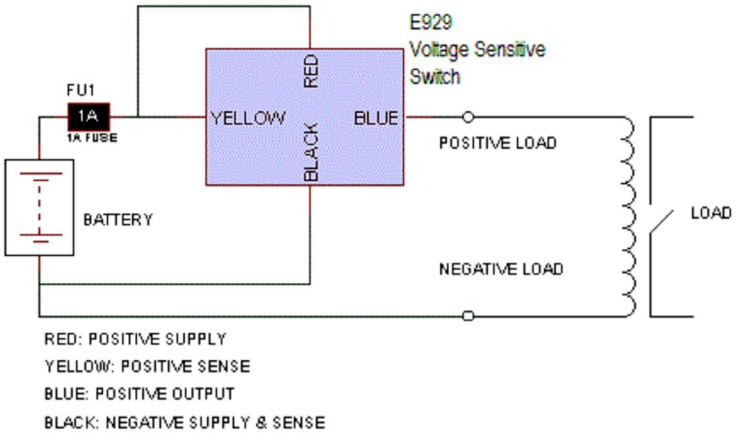
The Unit can be used for switching higher power by adding a relay - SEE WIRING DIAGRAM BELOW



Specification:

Parameter	Value
Supply Voltage (Vin)	10V to 32V
Output Current	1A
Sense (Switch On) Voltage, factory setting	26V (Voltage Rising)
Sense (Switch ON) Voltage, Adjustment Range	10V to 30V
Sense Voltage Hysteresis	< 1% of Set Voltage
Sense Current	0.4mA at Set Voltage
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.

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